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ILLUSTRATIONS

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TO ACCOMPANY THE

T.P.
ANNUAL REPORT

OF THE

COMMISSIONER OF PATENTS

FOR

THE YEAR 1869.

VOLUME IV.

283734
FEB 17 1880

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1876.

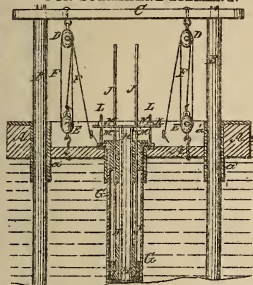
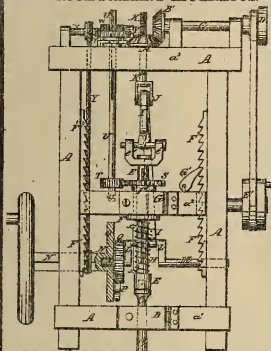
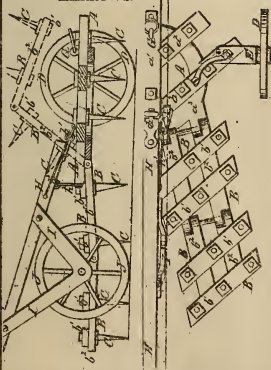
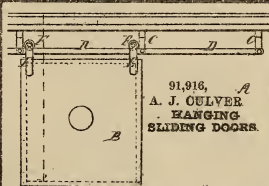
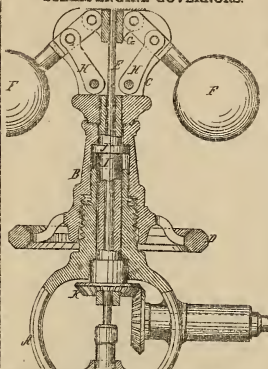
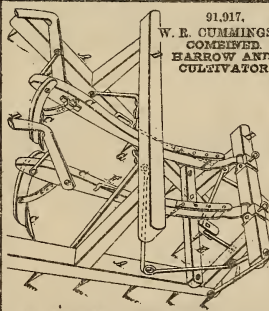
ILLUSTRATIONS.

ILLUSTRATIONS OF PATENTS

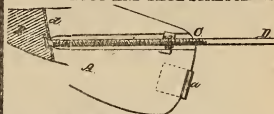
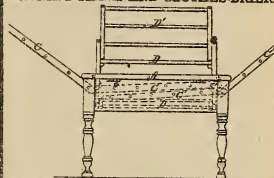
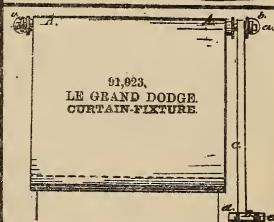
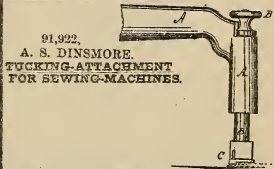
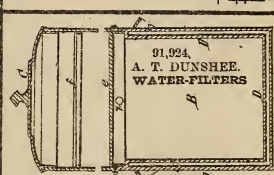
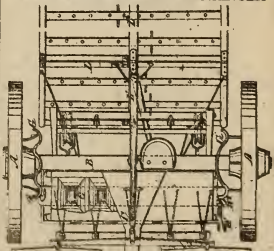
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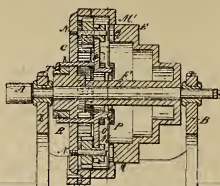
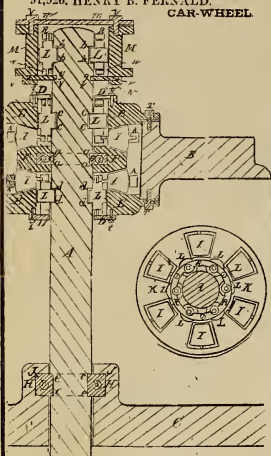
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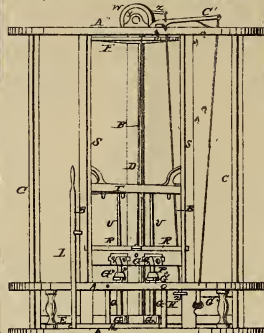
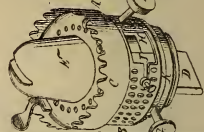
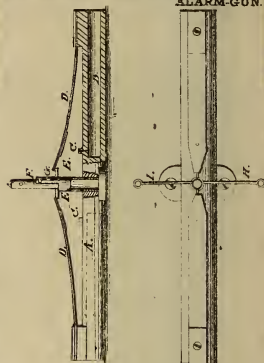
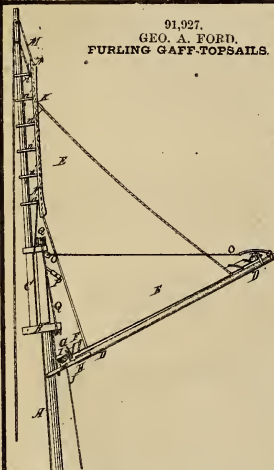
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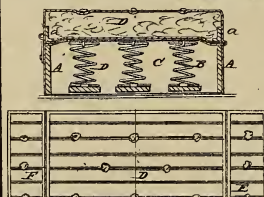
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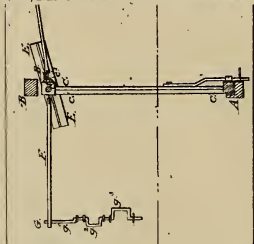
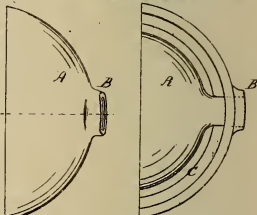
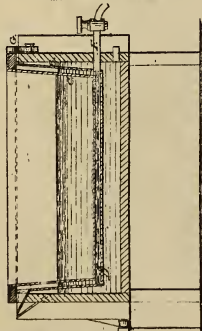
91,930. MYRON GORE LATHES

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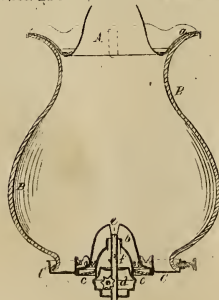
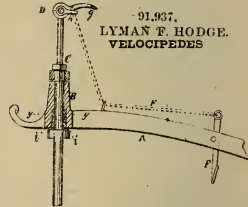
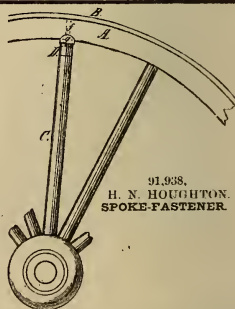
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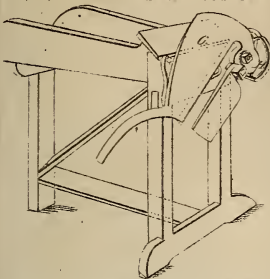
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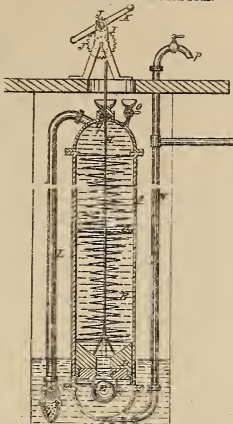
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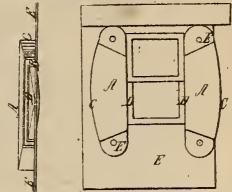
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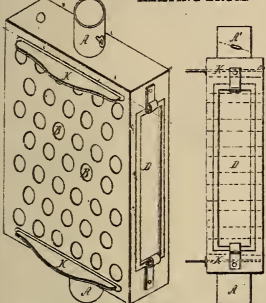
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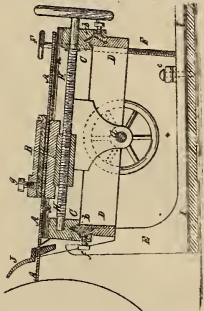
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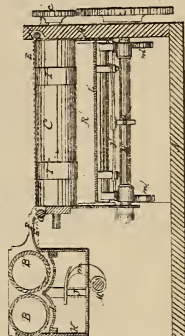
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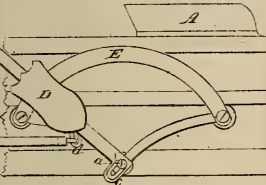
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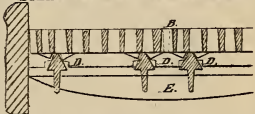
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91,941, WM. K. JOHNSTON, WAGON-BRAKES.



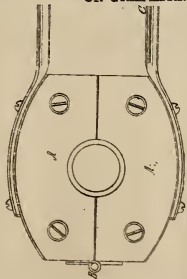
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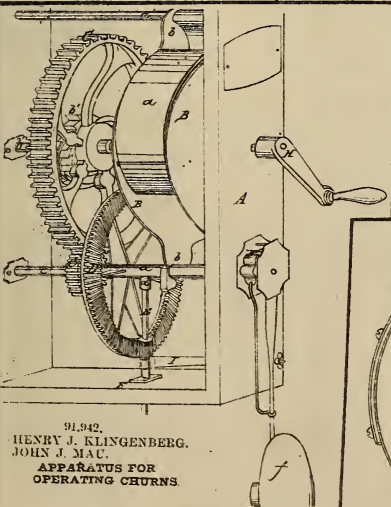
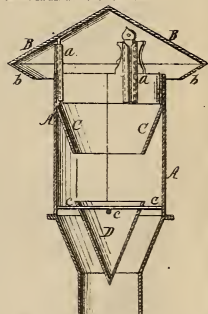
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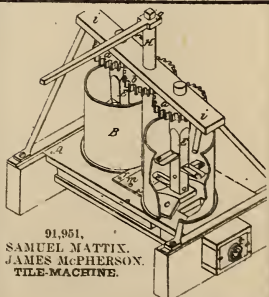
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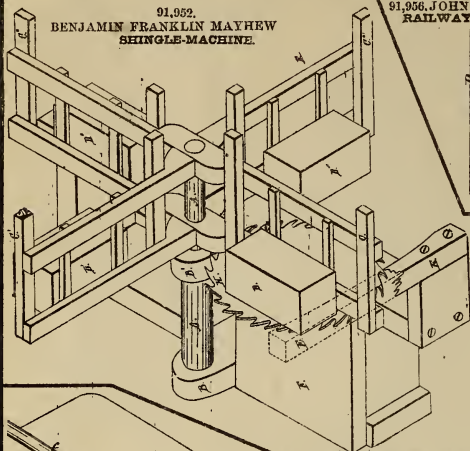


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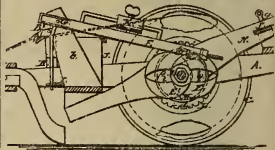
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BENJAMIN FRANKLIN MATHEW
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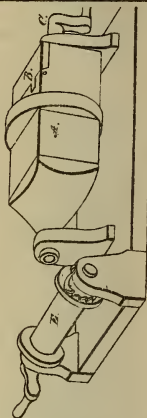
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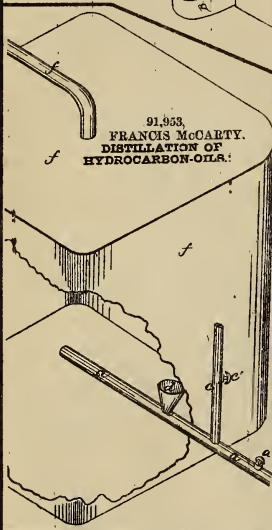
91,961. S. Y. ORR. CORN-PLANTERS.



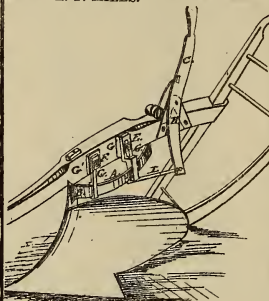
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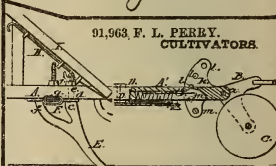
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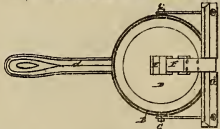
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91,957. E. P. MILES. FLOW-CLEANER.



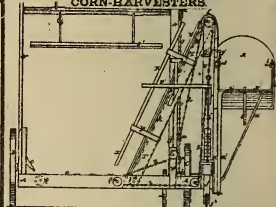
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91,958. STEPHEN MOORE.
91,958. HOMER ROGERS.
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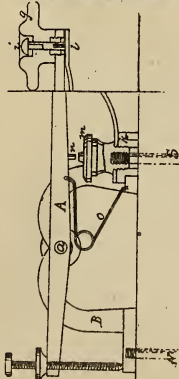


91,964. JOHN POFFENBERGER.
IRA M. POFFENBERGER.
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91,954. W. L. McCOORD.
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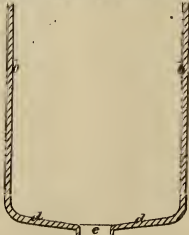
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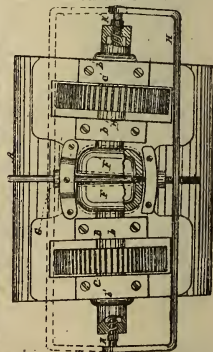
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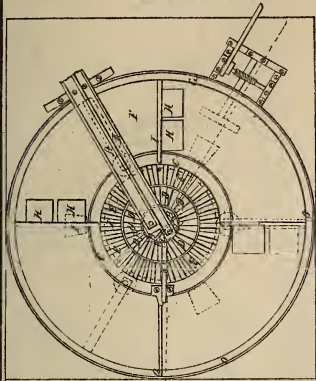
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SIRUP-HOLDERS FOR SODA-FOUNTAINS.



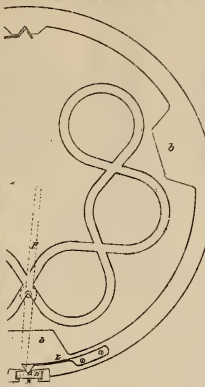
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91,966. JOSEPH W. V. RAWLINS.
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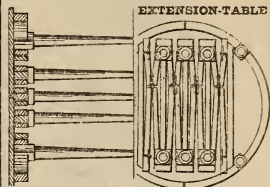


91,970. SOCRATES SCHOLFIELD.
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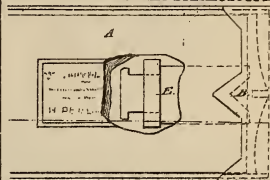


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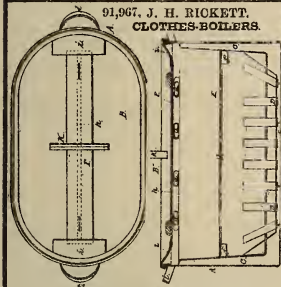
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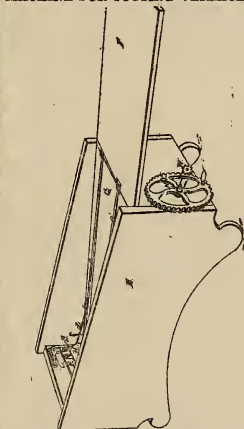
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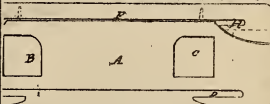
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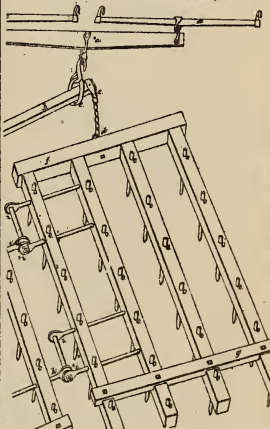
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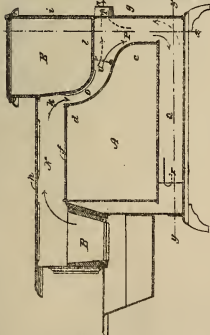
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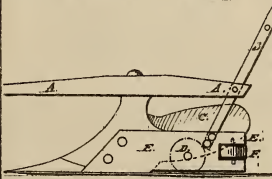
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91,968. FRANCIS RITCHIE.
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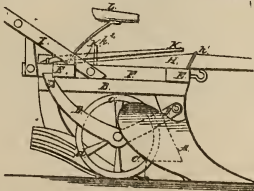
91,972. JOSIAH SHEPARD. FLOWS.



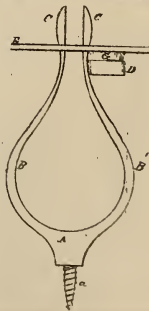
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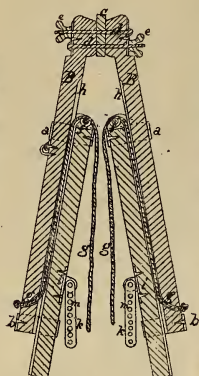
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CULTIVATORS.



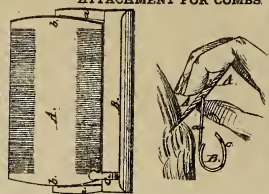
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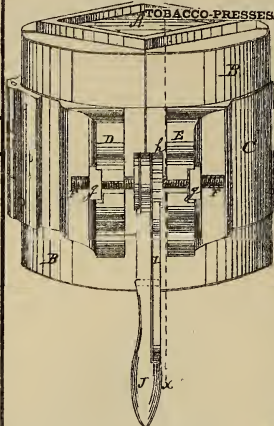
91,979, OTTO SLIKER.
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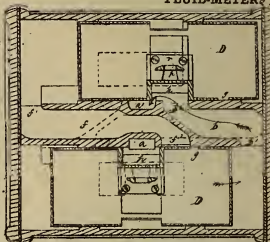
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91,985, W. H. TAPPEY,
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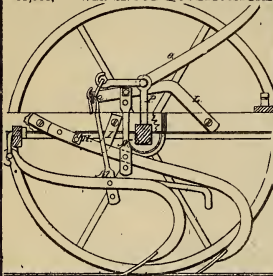


91,989, J. B. VAN DEUSEN.
FLUID-METERS



91,980, BENJ. F. SMITH.
PIPE FOR WATER, GAS, &c.

91,981, WM. SNOOK. CULTIVATORS

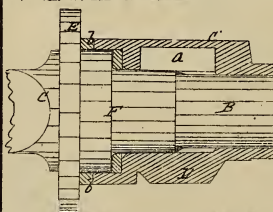


91,982, FREDERIC H. SNYDER.
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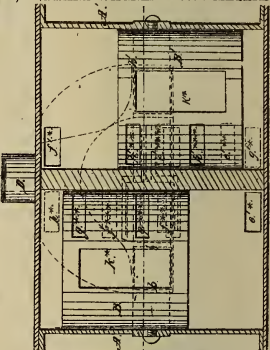
91,986, CLINTON W. TERPENING.
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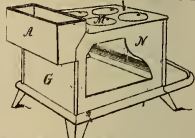
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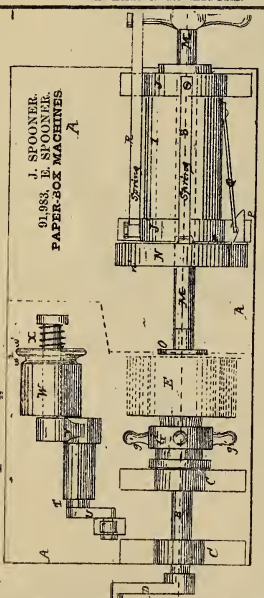
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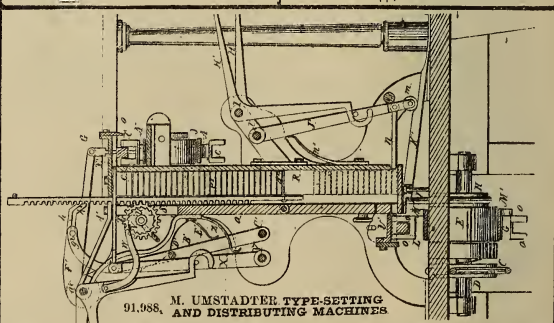
91,992, JOSEPH B. WILKINSON.
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J. SPOONER.
91,983, E. SPOONER.
PAPER-BOX MACHINES

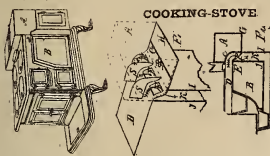


91,988, M. UMSTADTER TYPE-SETTING
AND DISTRIBUTING MACHINES

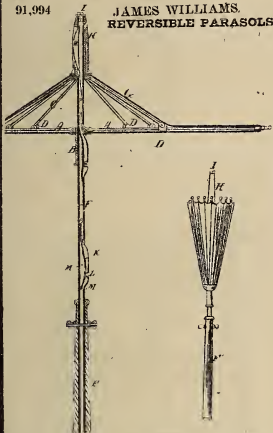


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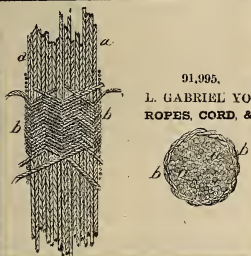
COOKING-STOVE



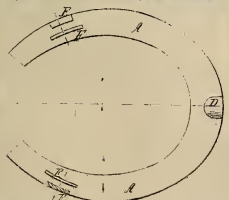
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JAMES WILLIAMS.
REVERSIBLE PARASOLS.

91,995.

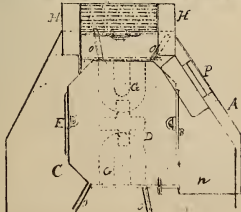
L. GABRIEL YON.
ROPES, CORD, &c.

91,996, ALBERT A. YORK, HORSESHOES

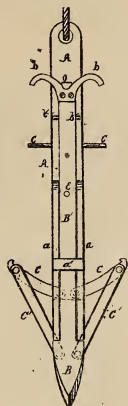
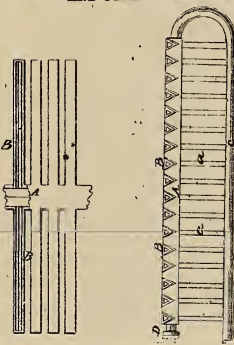
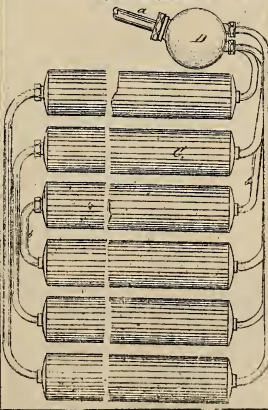
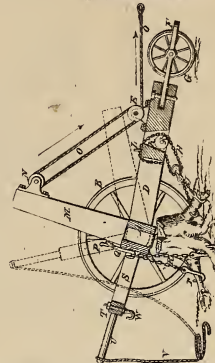


91,997, JOHN F. ADAMS.

STEREOSCOPE-INSTRUMENTS



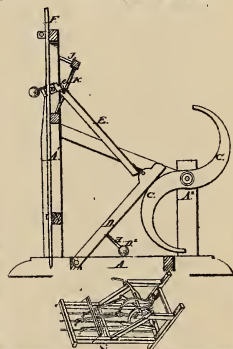
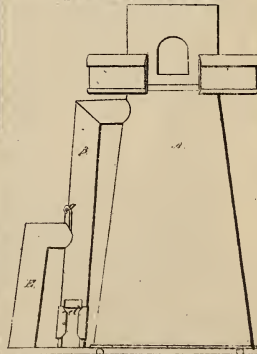
91,998.

BENJN. F. ALEXANDER.
HORSE HAY-FORKS.91,999, B. T. BARBITT.
GRATES FOR STEAM-GENERATOR
AND OTHER FURNACES.92,000, B. T. BARBITT
STEAM-GENERATORS.92,001, EDWIN A. BARTON COMBINED
SEED-SOWER HARROW AND ROLLER92,002, ISIDORE BEZENAD.
STUMP-EXTRACTOR

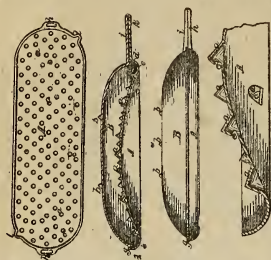
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92,004, F. C. A. ROCK.
MANUFACTURE OF STEARIC ACID

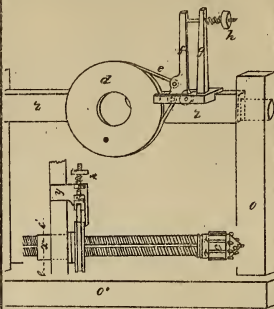
92,005, N. P. BRADISH, ROCK-DRILL

92,006, BARNARD BRANON.
GEO. H. BALDWIN.
THE WASTE GASES OF
APPARATUS FOR COLLECTING
SMELTING-FURNACES92,007, JOSEPH SYKES BROMHEAD
REGULATORS FOR GAS-BURNERS

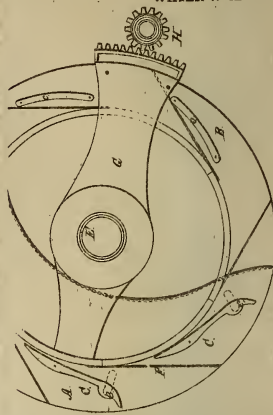
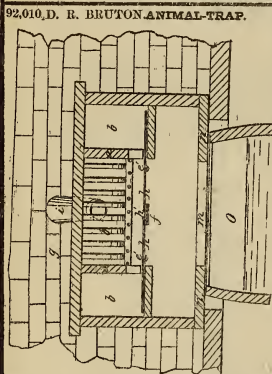
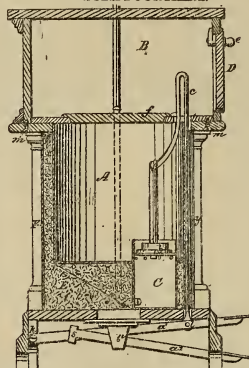
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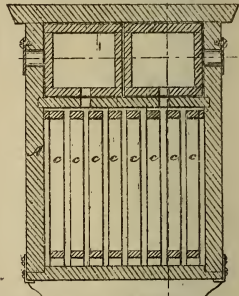
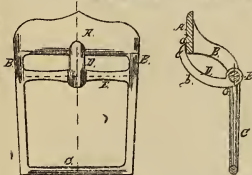
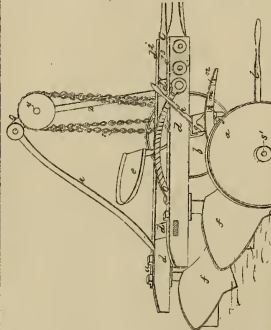
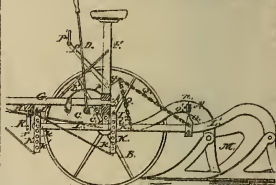
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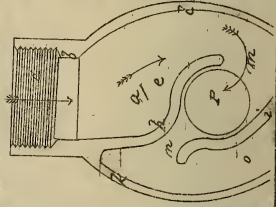
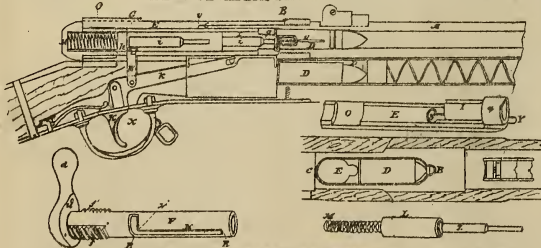
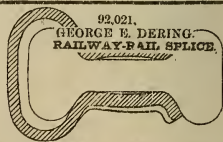
92,017, GARDNER COX. WATER-WHEELS.

92,009, WILLIAM BRÜCKNER.
PROCESS OF ROASTING AURIFEROUS
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SODA-FOUNTAINS.

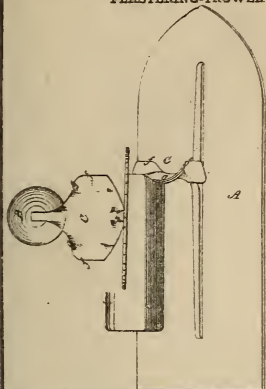
92,018, JOSEPH CROOKER. BEE-HIVES.

92,011, GEO. H. BUCKIUS.
HARNESSTUG BUCKLE.92,016, LUKE CHAPMAN.
GANG-PLOWS.92,019, F. R. CROTHERS.
GANG-PLOWS.92,012, AARON H. BURGESS, M. D.
WINDOW-SHADE PICTURE.

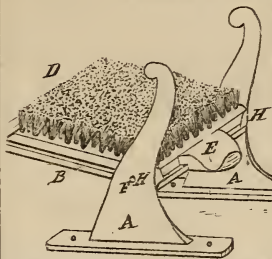
92,020, JAMES F. DACEY. STENCE-TRAPS.

92,013, BETHEL BURTON.
BREECH-LOADERS.92,021,
GEORGE E. DERING.
RAILWAY-RAIL SPLICE.

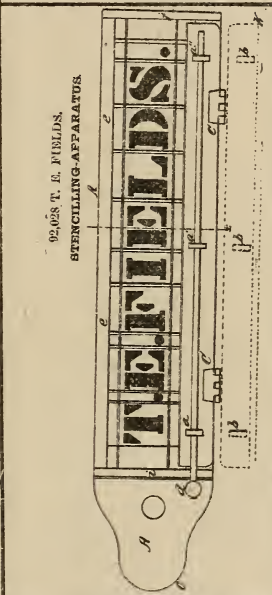
92,022. JEROME C. DIETRICH.
CHAS. I. HUMPHREY.
PLASTERING-TROWEL.



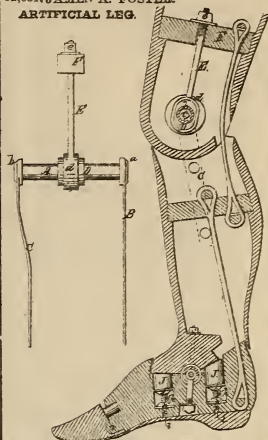
92,026. WESLEY FARRINGTON
MAT AND SCRAPER.



92,027. ALBERT VICKETT.
PROCESS OF PREPARING WOOD
FOR PAPER-STOCK.



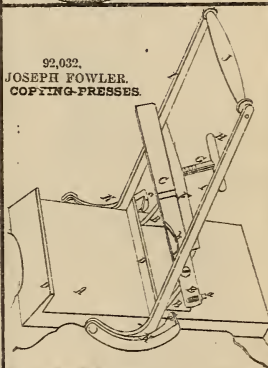
92,031. JAMES A. FOSTER.
ARTIFICIAL LEG.



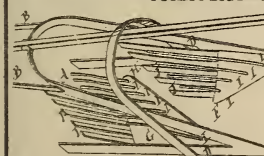
92,023. JOHN DUNLAP.
FRUIT-CAN LABELS.



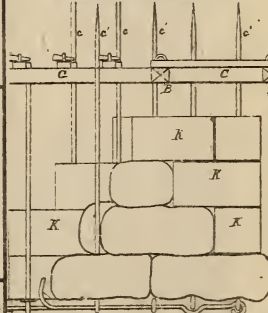
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JOSEPH FOWLER.
COPIING-PRESSES.



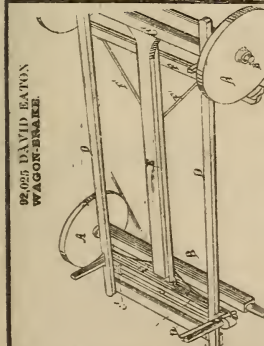
92,024. ROBERT DUNLAP, 1st.
POTATO-DIGGER.



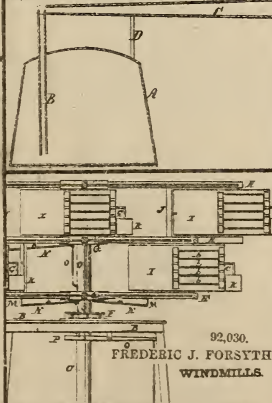
92,033. WM. H. FOYE.
SUBMARINE FOUNDATION.



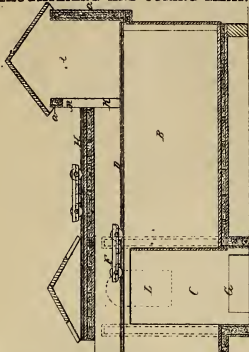
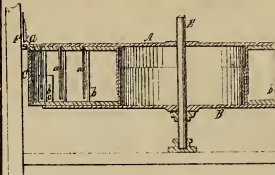
92,034.
JOSEPH FREY.
WENDEL EDERLE.
SCRUBBING-TOOL.



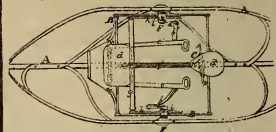
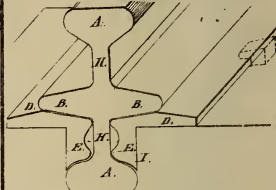
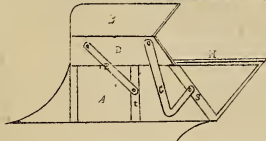
92,029. R. R. FOOTE. SPRAY-DAMPENER.



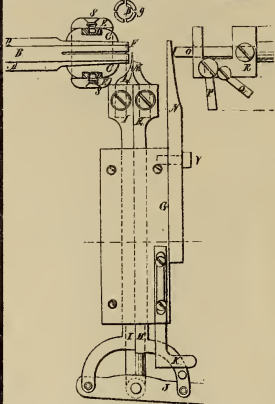
92,030.
FREDERIC J. FORSYTH.
WINDMILLS.

92,035, G. W. FULTON. APPARATUS FOR
SLAUGHTERING AND CURING MEAT.92,040, W. N. GRAVES.
MACHINE FOR PREPARING
CLAY FOR BRICK-MAKING.

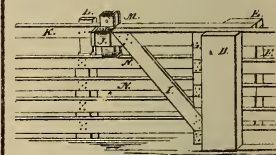
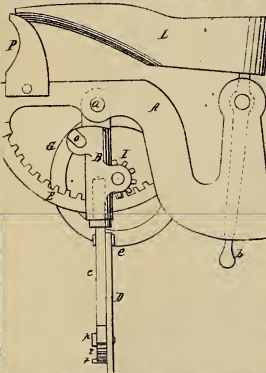
92,044, H. F. T. HALE. VELOCIPEDES

92,045, JOSEPH HALL,
DANIEL HALL.
RAILWAY-RAIL AND SPLICE92,036, JOHN GALE,
MOSES B. AMES.
CARRIAGE-SEATS

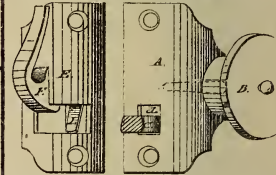
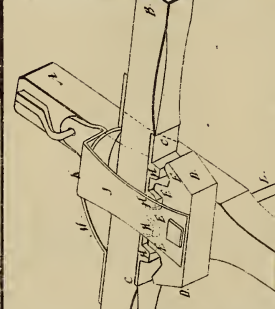
92,041, ORLANDO M. GRIMES. LATHES



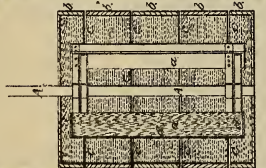
92,046, CALVIN HART. FARM-GATES

92,037, ALPHEUS C. GALLAHUE.
SHOE-PEGGING MACHINE

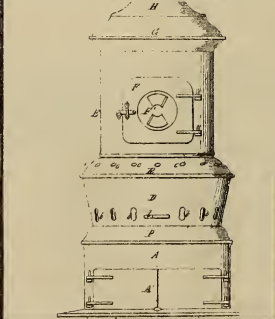
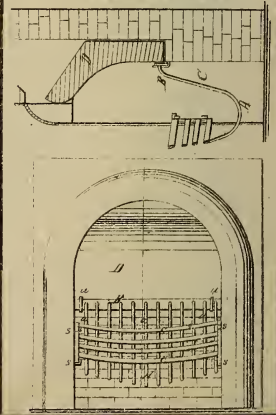
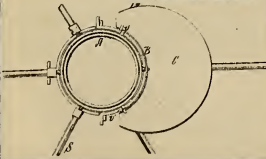
92,047, C. F. HERICK. DOOR-LATCHES

92,042, JOHN T. HAGERTY.
SELF-ADJUSTING EQUALIZER
FOR FLOWS, &c.92,048, MATTHEW S. J. HINDEN.
BREECH-LOADING FIRE-ARMS

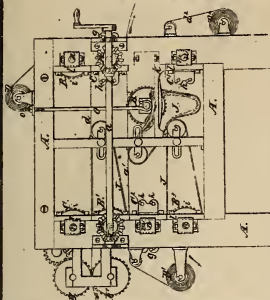
92,038, JACOB GETZ. SMUT-MACHINES



92,043, WILLIAM HALLES. COAL-STOVE

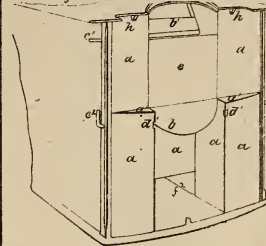
92,049, G. W. HINMAN.
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92,050, RICH'D. M. HOE.
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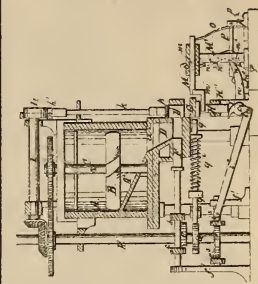


92,054, JACOB JAMESON.
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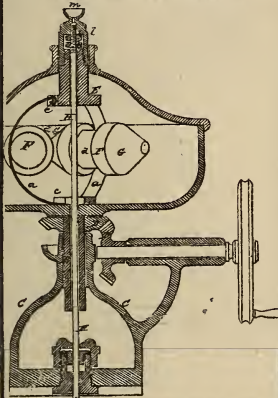
92,055, BENJAMIN F. JOHNSON,
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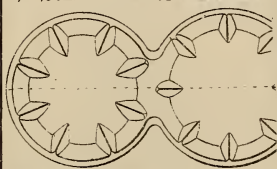
92,059, JOSEPH KLICKHARDT.
BRICK-MACHINE.



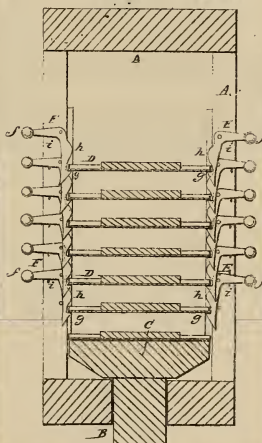
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STEAM-ENGINE GOVERNORS.



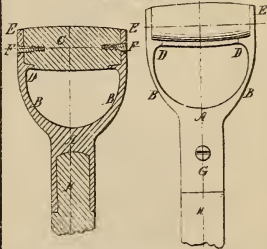
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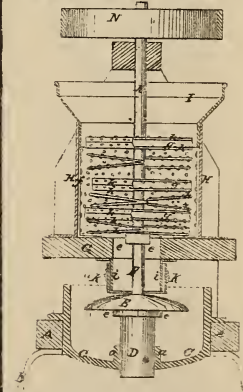
92,057, AGUR JUDSON.
STEPHEN A. FARRINGTON.
HYDRAULIC PRESSES.



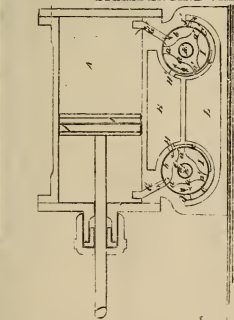
92,060, S. M. KNAPP.
JOSEPH SWITTER.
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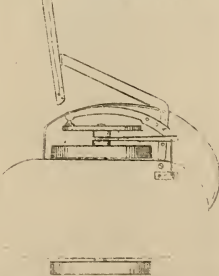
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GRAIN-SEPARATOR AND SCOURER.



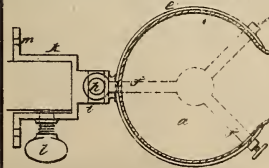
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STEAM-ENGINE VALVES.



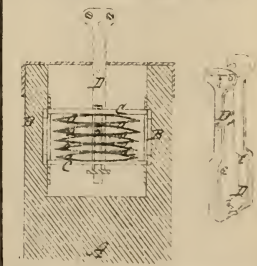
92,058, W. W. KINGSBURY.
HARVESTER-RAKES.

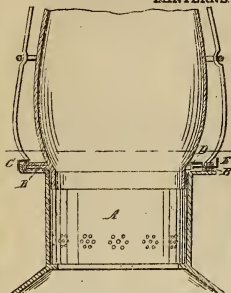
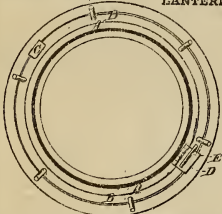
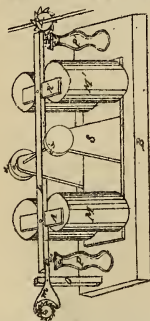
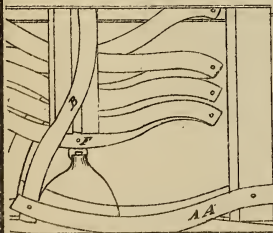
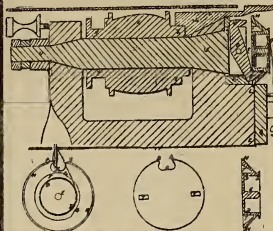
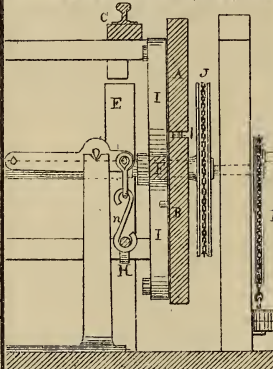
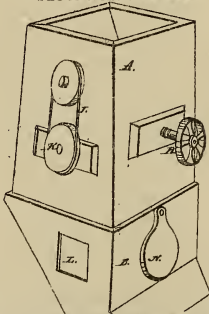


92,053, T. A. HUNTER.
JOHN BLEWITT.
LAMP-BRACKETS.

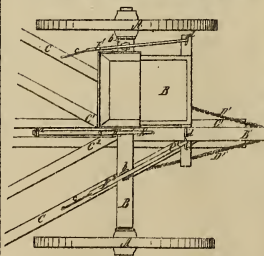
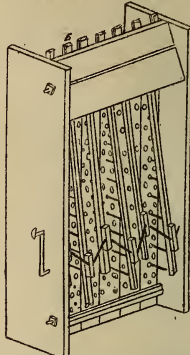
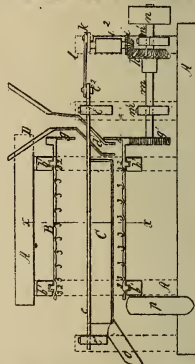


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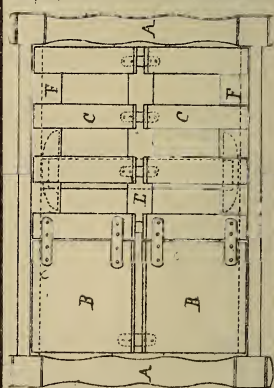
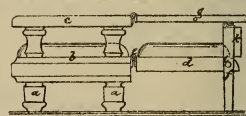


92,063, THOMAS LANGSTON.
LANTERNS.92,064, THOMAS LANGSTON.
LANTERNS.92,065, REUBEN LIGHTHALL.
COMPOUND TO BE USED IN THE
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ELECTRO-MAGNETIC MOTORS.92,067, ZEPHANIAH LOOKWOOD.
WATER-ELEVATORS.92,068, DANIEL MACPHERSON.
SEWING-MACHINE.92,069, WM. MAGUIRE.
RAILROAD PLATFORM-SCALES.92,070, JOHN MALLIN.
FLOUR-BOLT FEEDERS.

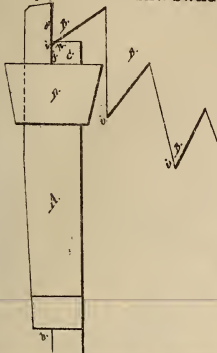
92,071, M. E. MARCELL HARROW.

92,072, ISAAC W. MARTIN.
THRESHING-MACHINES.92,073, FREDK. W. MARE.
COCKLE-SEPARATING MACHINE.

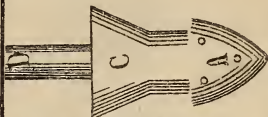
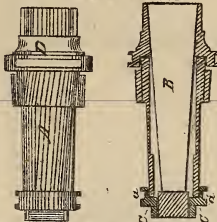
92,074, ABEL MATSON. BED-BOTTOM.

92,075, JAMES S. McCURDY.
BEDSTEAD AND SOFA OR CHAIR.

92,076, JOHN McDONALD.
SAW-SWAGE.

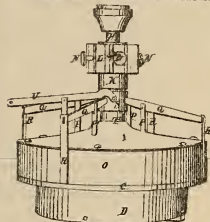


92,081, JAMES H. MOFFETT.
CARRIAGE AXLES.



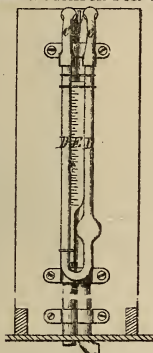
92,066, WILLIAM B. MYRES.
MEDICAL COMPOUND.

92,087, JAMES NEWMAN.
TURBINE WATER-WHEELS.

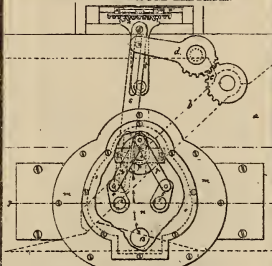


92,077, EDWARD N. MCKIMM.
HOWARD W. BENDER.
FERTILIZING-COMPOUND.

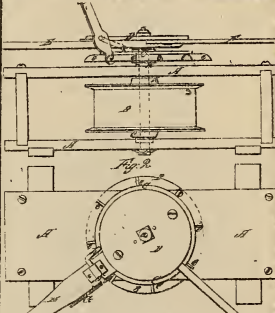
92,078, HENRY METCALF.
SPEED-INDICATOR FOR VESSELS.



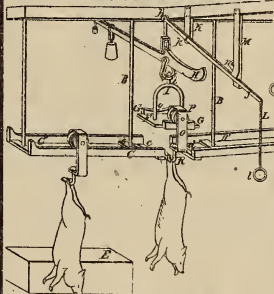
92,082, CHARLES MOORE.
FLUID-METERS.



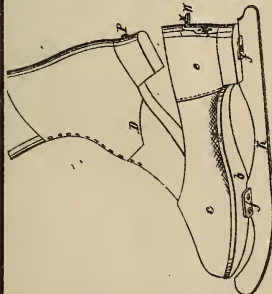
92,088, J. S. PARK.
HOISTING-MACHINES.



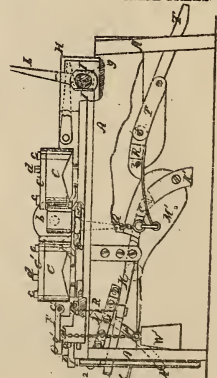
92,083, THOMAS MORRISON.
WEIGHING-APPARATUS.



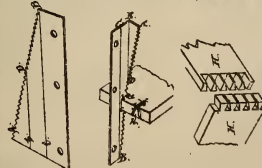
92,079, CHARLES F. W. MEYER.
SEATING-SHOE.



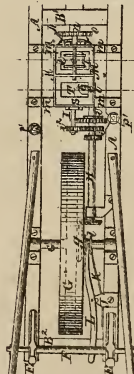
92,089, ORLANDO PATTEE.
MACHINE FOR UPSETTING TIRES.
AXLE-TREES &c.



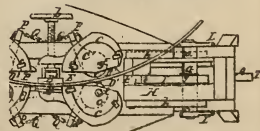
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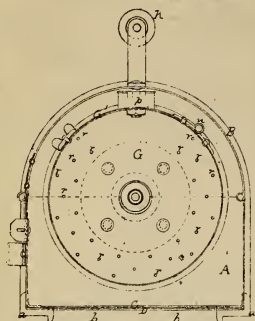
92,084, GEO. W. MOYERS.
CORN-PLANTER.



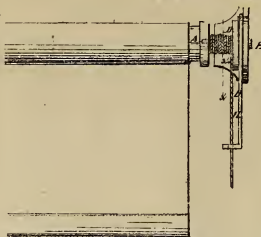
92,085, N. Q. MUNGER.
C. R. POMEROY.
INSTRUMENTS FOR RELIEVING
CHOKE AND ELGAT IN CATTLE.



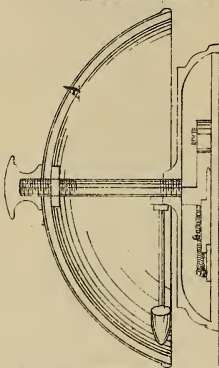
92,090. JAMES B. PEAKE,
JAMES A. LUSBY.
COFFEE-ROASTER.



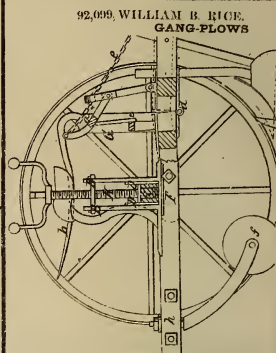
92,094. R. B. PRINDLE.
CURTAIN-PICTURE.



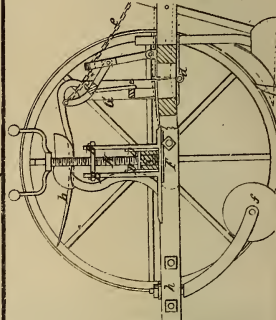
92,095. FRANCOIS RAYMOND.
ENAMELLED BELL.



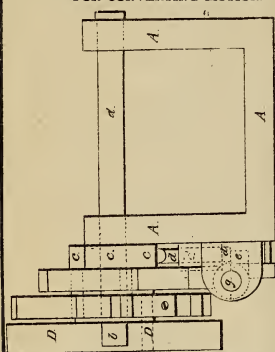
92,098. EDWIN T. RICE.
PROCESS OF TREATING
VEGETABLE FIBRES.



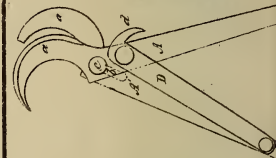
92,099. WILLIAM B. RICE.
GANG-FLOWS.



92,091. ELLIAH S. PIERCE. MECHANISM
FOR CONVERTING MOTION.



92,100. WILLIAM RICHARD.
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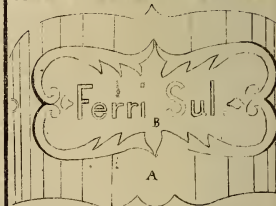
92,101. T. M. RICHARDSON.
TOBACCO-CUTTER.



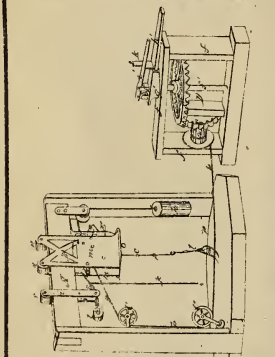
92,096. JOHN C. RHODES.
DEVICE TO OPERATE THE TILTING
FLOORS OF MALT-KILNS.



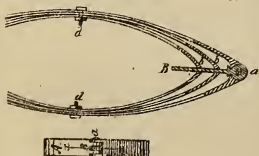
92,102. CHARLES H. ROBINSON.
COMBINED DRAWER-PULL AND LABEL.



92,092. HENRY G. PORTER.
ELEVATORS.



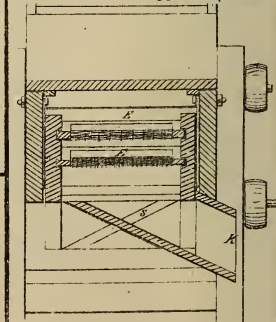
92,093. BENJAMIN F. POWER.
CARRIAGE-SPRING.



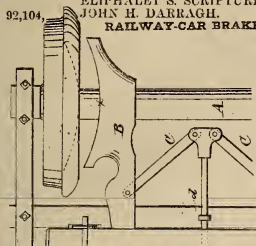
92,097. J. W. RICE
RAILWAY-CAR BRAKE



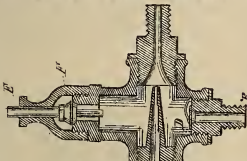
92,103. JAMES M. ROSS.
CORN-SHELLERS.



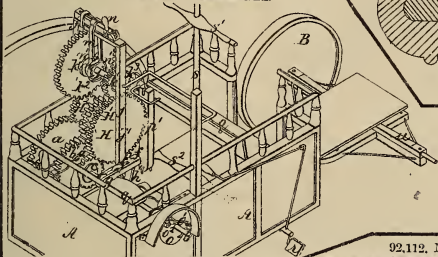
ELIPHALET S. SCRIPTURE.
JOHN H. DARRAGH.
RAILWAY-CAR BRAKE.



92,105 CHARLES A. SEELY.
MANUFACTURE OF VAPOR-GAS.



92,106 D. S. SHANABROOK.
HAND-CARRIAGES.

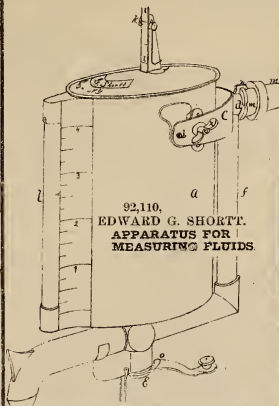
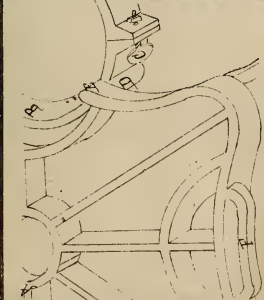


92,107 JOHN SHAPLEY.
A. D. HUTCHINSON.
MEDICINE OR CORDIAL.

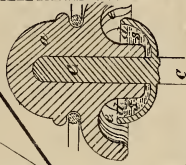
92,108 FREDERICK SHICKLE.
CORE-BAR FOR MOULDS USED IN
CASTING METAL.



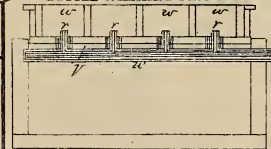
92,109 HENRY SHIRKY.
JESSE M. FIERMAN.
STOVE-PIPE SHELF
AND SAD-IRON HOLDER.



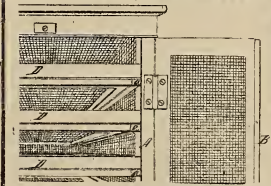
92,111 W. EDGAR SIMONDS.
TELEGRAPH-INSULATORS.



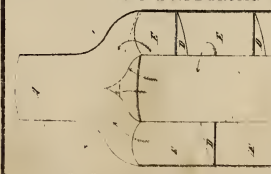
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BOTTLE-WASHING MACHINE.



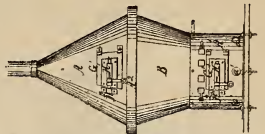
92,113 A. J. SMITH. FRUIT-DRIERS



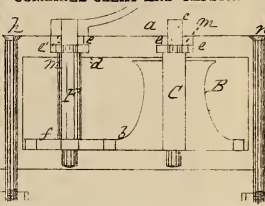
92,114 CHARLES D. F. SMITH.
STOVE-PIPE DRUMS.



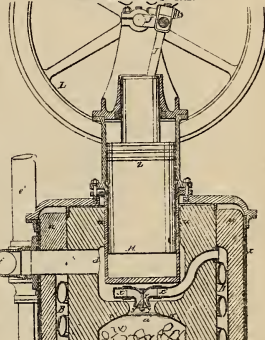
92,115 C. J. SMITH.
SAFETY-STOVE FOR RAILROAD-CARS.



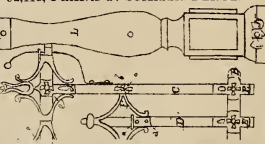
92,116 D. SNEDKER.
COMBINED CLEAT AND CAPSTAN



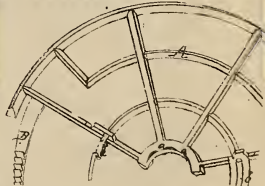
92,117 LARS ALBERT LEONARD SÖDERSTRÖM.
HOT-AIR ENGINE.



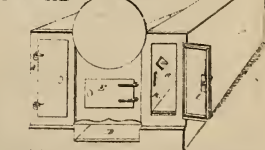
92,118 FRANK F. SOMMER FENCE

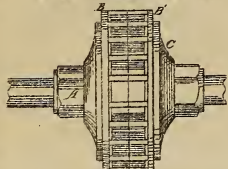


92,119 R. H. SPRINGSTEED.
STOVE-PIPE SHELF.

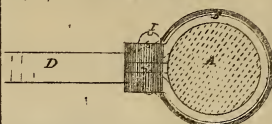
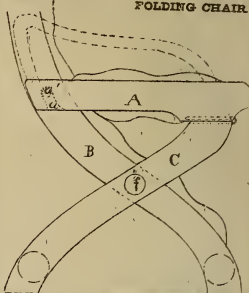
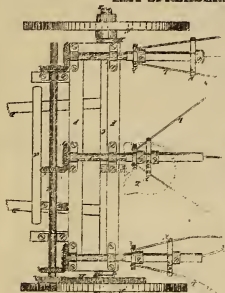
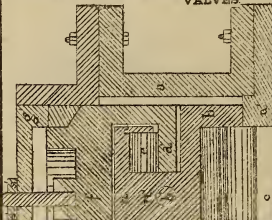
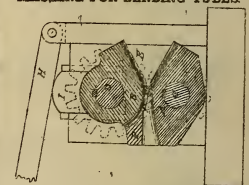
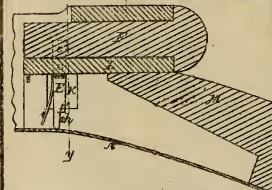
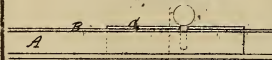
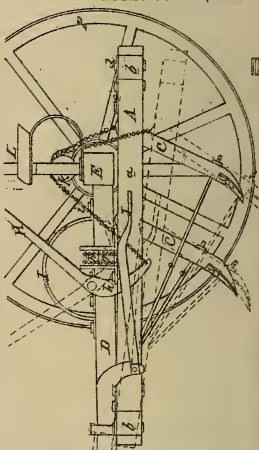
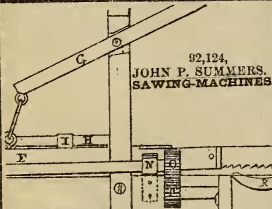
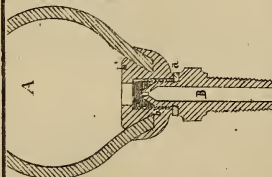
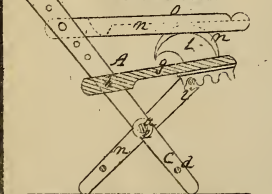
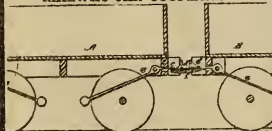


92,120 GEORGE STAMM.
OXYGENATING
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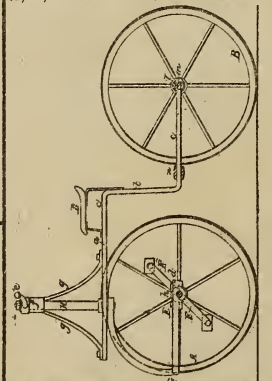
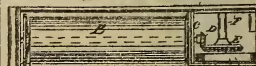


92,121, S. T. F. STERICK.
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92,127, R. VORIS. NECK-YOKES

92,133, CHARLES A. WIEDEMANN.
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ADVERTISING-DEVICES

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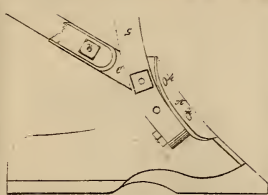
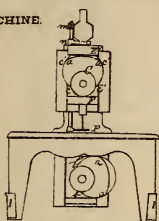


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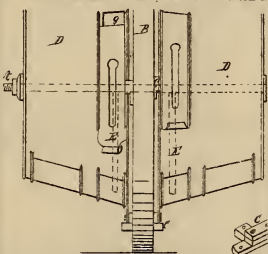
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JOHN Q. ADAMS,

SEWING-MACHINE.



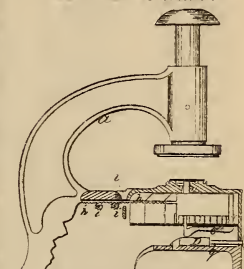
92,144,

WILLIAM J. ARRINGTON,
COTTON-SEED PLANTER AND DRILL.

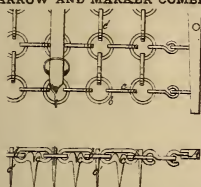
92,147.

EDWARD BIERSTADT

HAND DATING-STAMPS.



92,139,

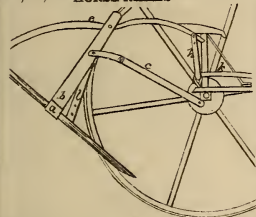
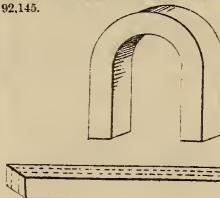
WILLIAM ADDLETON,
HARROW AND MARKER COMBINED.

92,148,

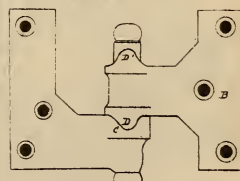
JOSEPH BIRKETT,
AXLE-GAUGES

FRANCIS M. ALLERTON

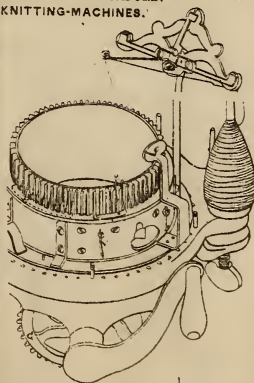
92,140, HORSE-RAKES

SILAS M. BARRETT
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92,149, CARD-CLOTHING.

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92,142,

JOHN ANDERSON,
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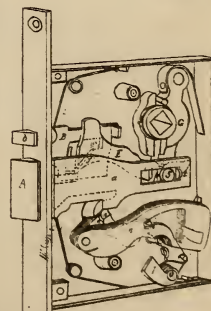
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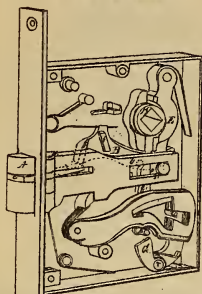
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ASA T. BROOKS,

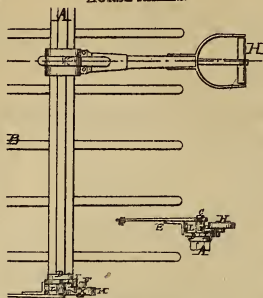
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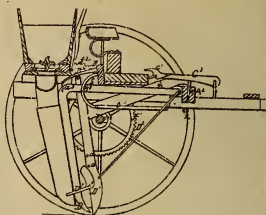
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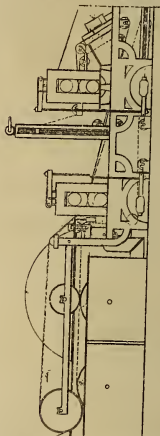
92,156, DANIEL BULL,
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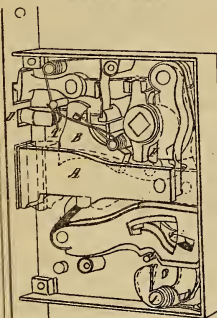
92,160, R. W. CAMPBELL,
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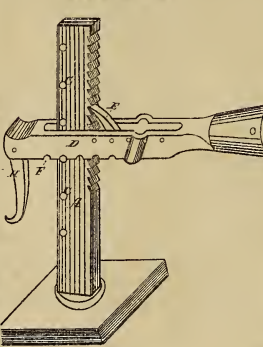
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92,161, COMPOSITE PAPER.



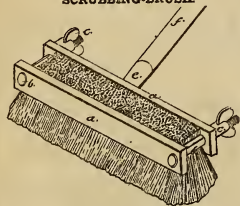
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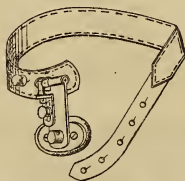
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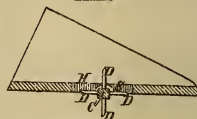
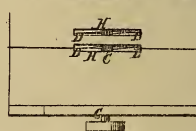
92,154, GEORGE W. BROWN,
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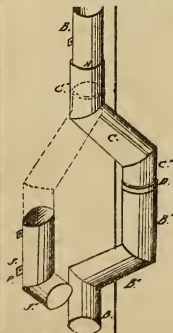
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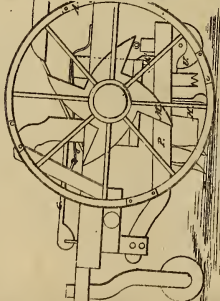
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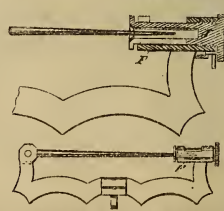
92,155, FRANCIS M. BUCKLES,
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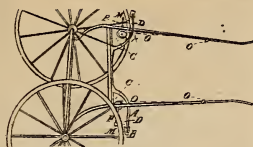
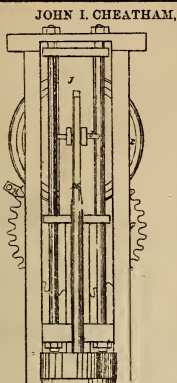
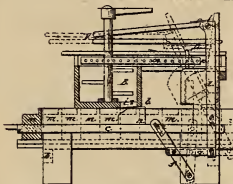


WALTER CALDWELL,
92,159, CORN-PLANTERS.



92,163, FREDERICK
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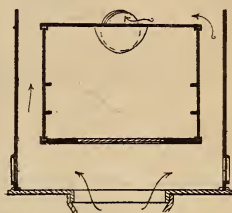


92,164,
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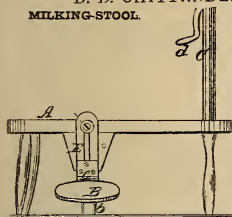
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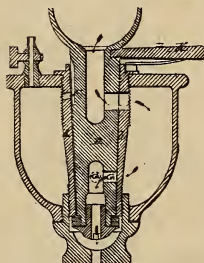
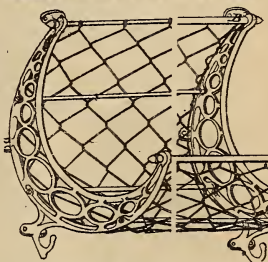


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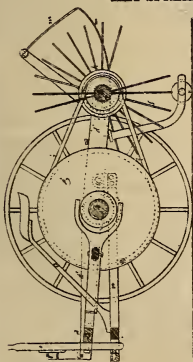
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ROBERT AVIS COPELAND,

92,170, OIL AND TALLOW-CUP.

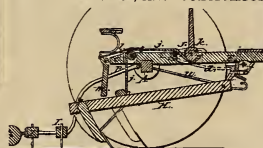
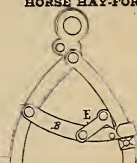
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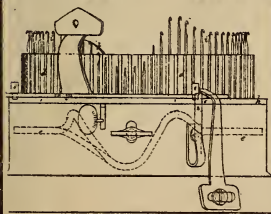
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CHARLES M. CORNELL,

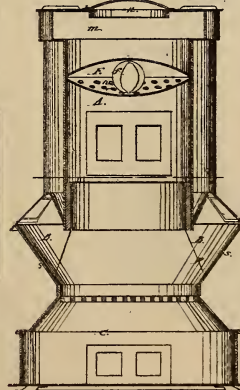
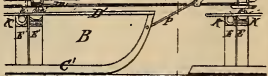
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92,175, HORSE HAY-FORKS.

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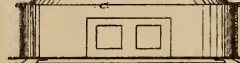
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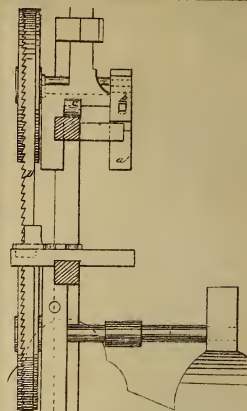
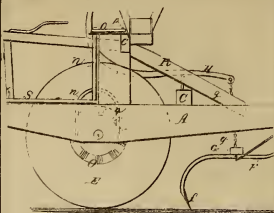
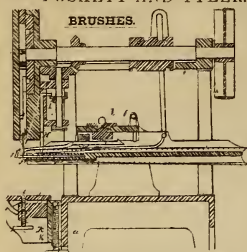
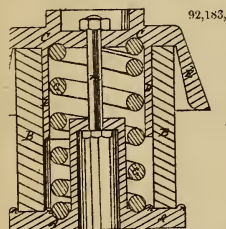
ELIAS T. FORD,
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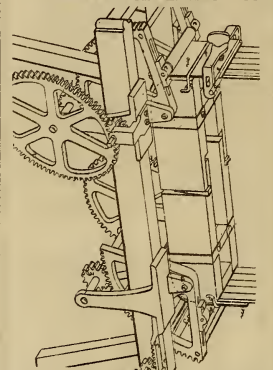
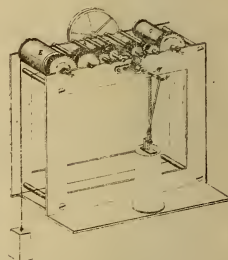
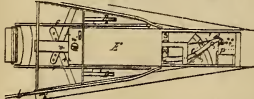
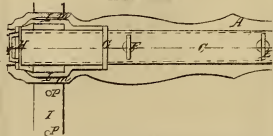
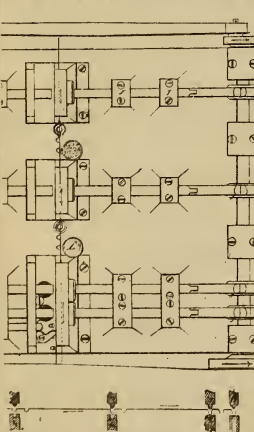
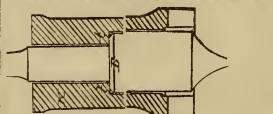
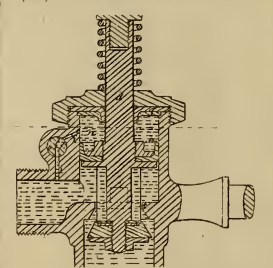
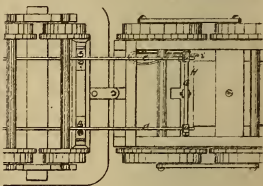
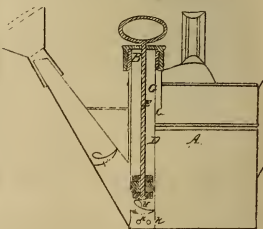
92,168, WAGON-BRAKES.



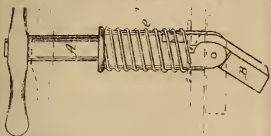
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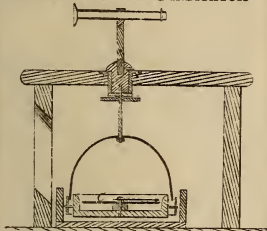
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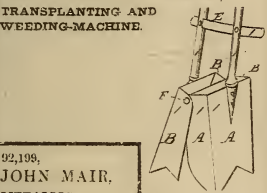
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92,197, J. D. LEACH,
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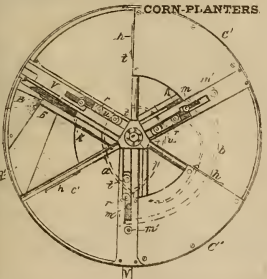
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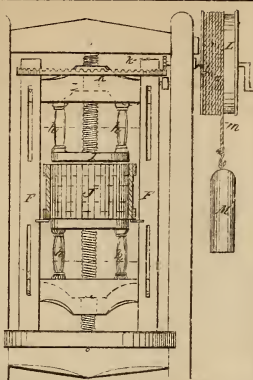
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92,200, WILLIAM H. McCORMICK
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92,201, SAMUEL R. McCULLOUGH,
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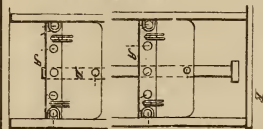
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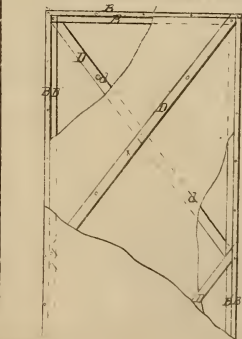
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92,204, JOSHUA MONROE,
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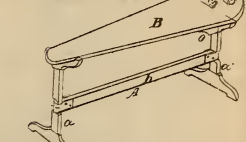
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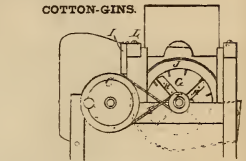
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CLOTHES-LINE HOLDER



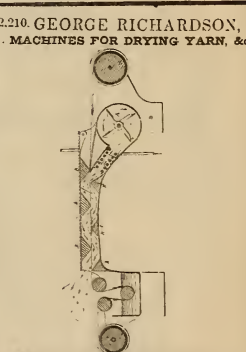
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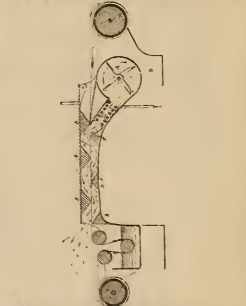
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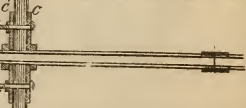
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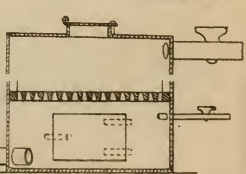
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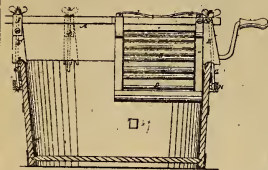
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92,212, MILTON SANDERS,
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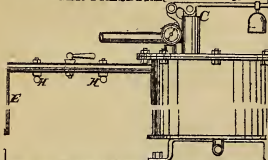
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92,214. S. SHERMAN AND
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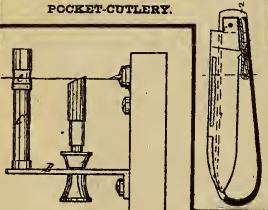
92,215. THOS. R. SINCLAIRE.
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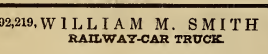
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92,216, IMPROVED ROOFING.



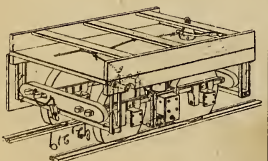
92,217. DAVID E. SMITH.
POCKET-CUTLERY.



92,218. GEORGE S. SMITH.
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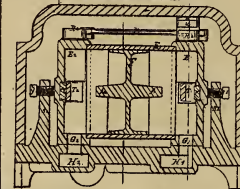
92,219. WILLIAM M. SMITH
RAILWAY-CAR TRUCK.



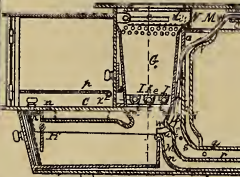
92,220. JAMES R. SPEER,
PROCESS OF TREATING CAST-IRON

92,221. JAMES R. SPEER.
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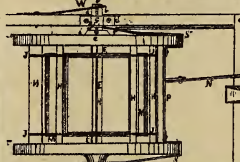
92,222. MONROE STANNARD,
WATER-METERS.



92,223. GEORGE W. SWETT.
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92,224. JOHN W. SWICKARD,
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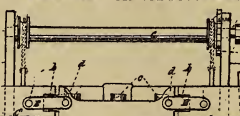


92,225. NICHOLAS CHARLES SZERELMEY.
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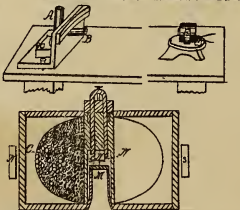
92,226. GILBERT F. TAYLOR.
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92,227. ENOCH THOMAS.
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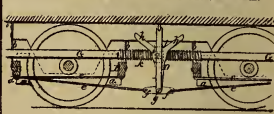


92,228. WILLIAM THOMSON.
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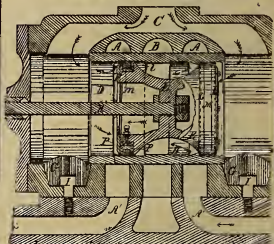


92,229. BENJAMIN C. TILGHMAN,
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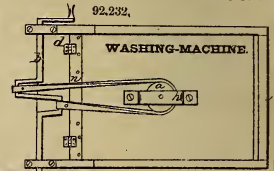
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RAILWAY-CAR BRAKE.



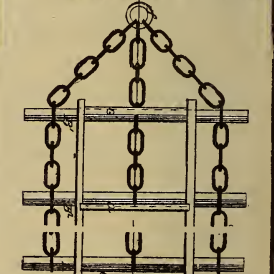
CHARLES W. TREMAIN.
92,231. BALANCE PISTON-VALVES
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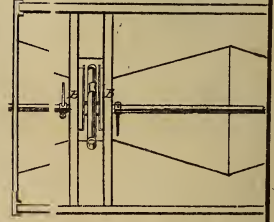
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92,233. JONATHAN B. TURNER.
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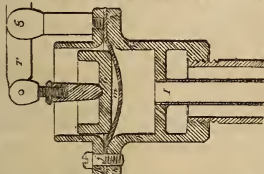
92,234. MORRIS L. UTTER.
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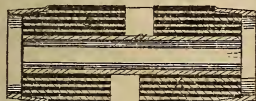
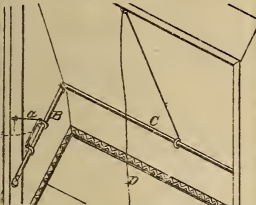
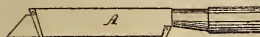
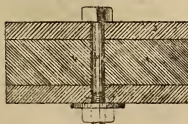
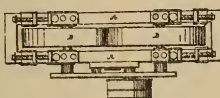
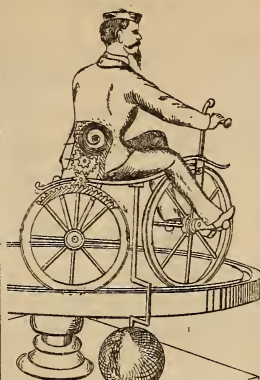
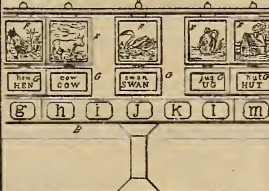
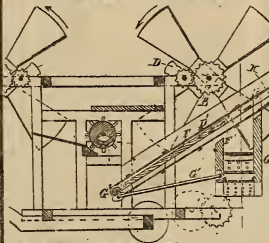
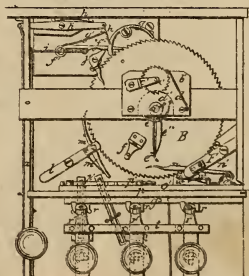
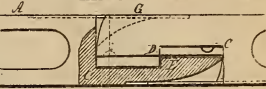
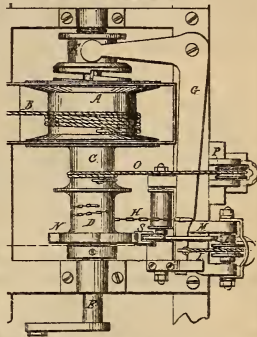
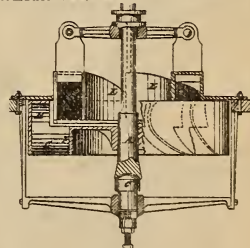
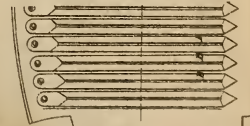
92,235, SAM'L. W. VALENTINE.
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92,237, PHINEAS D. WESSON.

LOW-WATER INDICATORS FOR BOILER



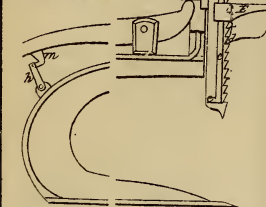
92,238, J. W. WESTON. CARRIAGE-EYE.

92,239, JAMES B. WHEEDEN.
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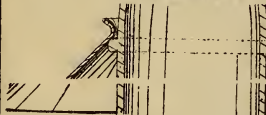
92,254,
HORACE C. BRADFORD.
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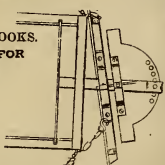
92,255,
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WILLIAM BRADY
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92,256, HOMER BROOKE.
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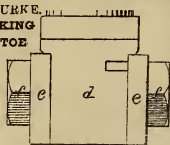


92,257,
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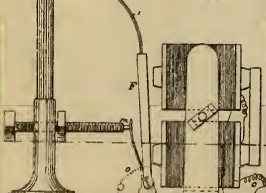


92,258, S. D. BROOKS.
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92,259, P. F. BURKE.
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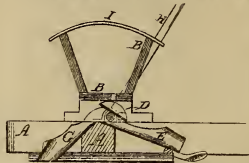
92,260,
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MAGNETIC
ALARMS.



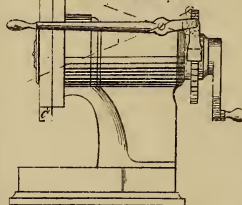
92,261, E. P. BUTTLES.
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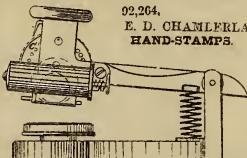
92,262, JOHN E. BUXTON.
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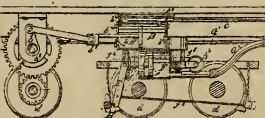
92,263, DANIEL CAMPBELL.
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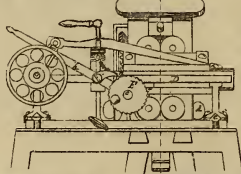
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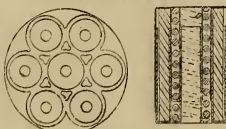
92,265, WILLIAM LATTI CHAMBERS.
ATMOSPHERIC CAR-BRAKE.



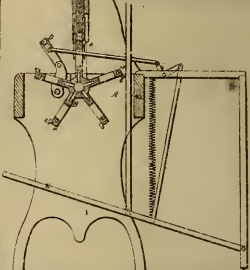
92,266, SAW-FILING MACHINE.
CHAS. P. CASE.



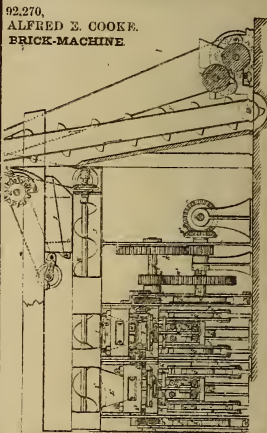
92,267, J. W. COCHRAN.
RAILWAY-CAR SPRING.



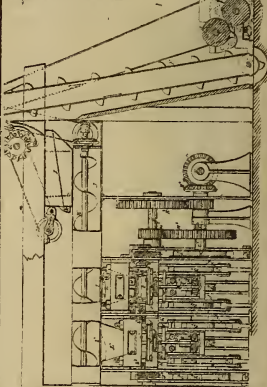
92,268,
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92,269, DAN A. CONNOR.
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92,270,
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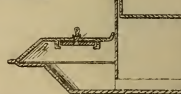


92,271, JOHN C. COTTINGHAM.

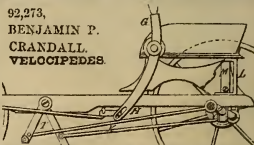
GAFF-CHOCKS FOR
VESSELS.



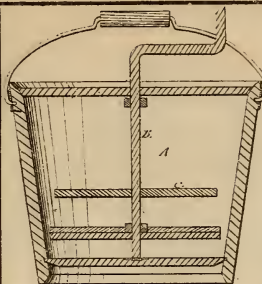
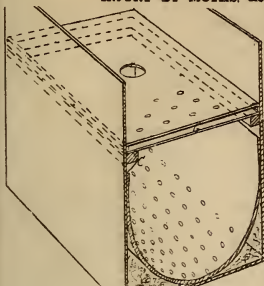
92,272,
DAVID B. COX.
HEARTH-PLATE FOR
COOKING-STOVES.



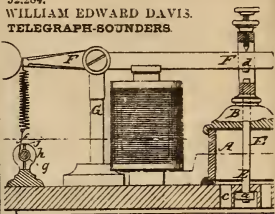
92,273,
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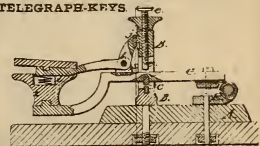
92,274. JASON CRANE.
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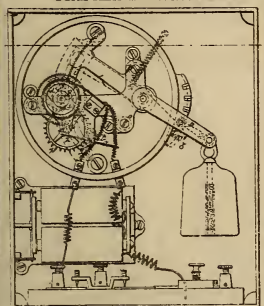
92,284.
WILLIAM EDWARD DAVIS.
TELEGRAPH-FOUNDERS.



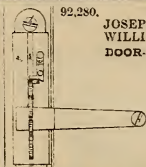
92,285. WILLIAM EDWARD DAVIS.
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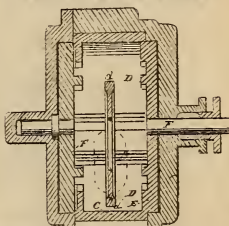
92,275. MOSES G. CRANE.
EDWIN ROGERS.
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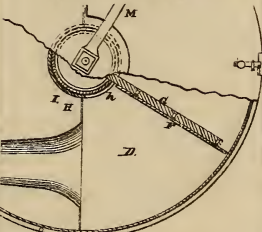
92,280. JOSEPH C. CURRIER.
WILLIAM C. YOUNG.
DOOR-LATCHES.



92,286. J. F. DE NAVARRO.
ROTARY STEAM-ENGINES.



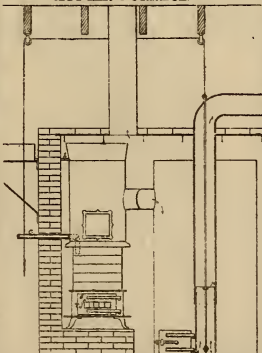
92,281. HENRY CURTNER.
SAUSAGE-STUFFER.



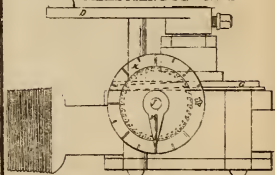
92,276. JOHN CRAWLEY.
LITHOGRAPHIC PRESSES.



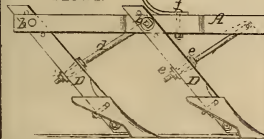
92,282. MARK ANTHONY CUSHING.
HOT-AIR FURNACE.



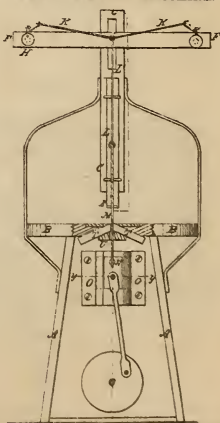
92,287. J. F. DE NAVARRO.
MEASURING-FACETS.



92,277.
A. G. CUMMINS.
J. R. CUMMINS.
FLOWS.



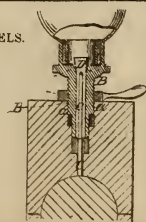
92,288. WILLIAM H. DOBSON.
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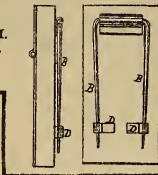
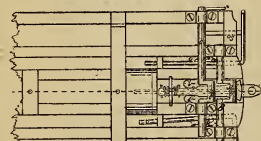
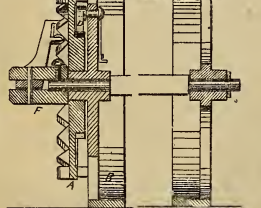
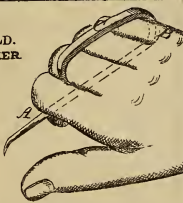
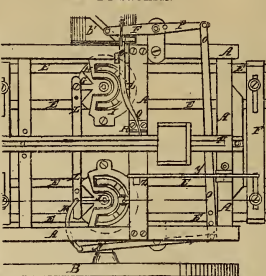
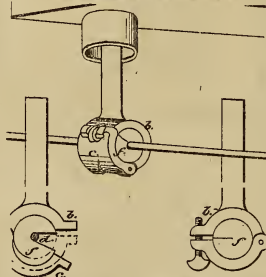
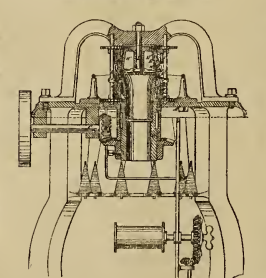
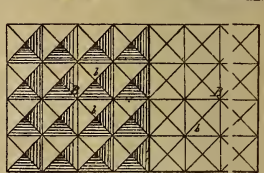
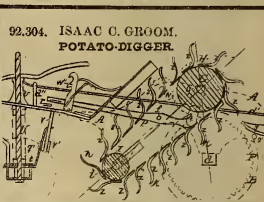
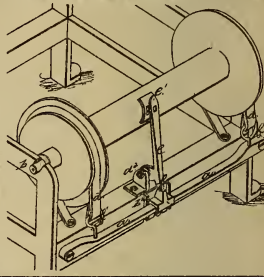
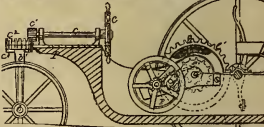
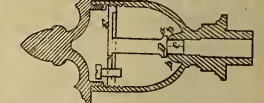
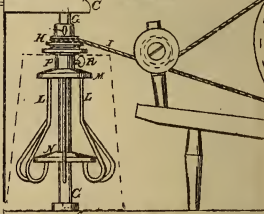
92,278.
SUSAN C. CURRIE.
MEDICINE-SPOON AND
BOTTLE-STOPPER
COMBINED.



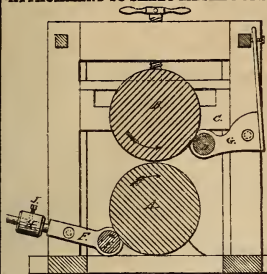
92,283.
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92,279. ISRAEL J. CURRIER.
JOSEPH HAWSE.
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92,289, WM. B. DUNNING.
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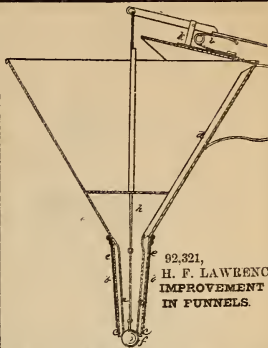
92,309, JOHN B. HASTINGS.
CLEANING AND POLISHING
ATTACHMENT TO SHEET-METAL ROLLS



92,315, H. KAEMPF.
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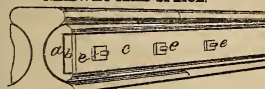


92,316, EDWARD G. KELLEY.
OIL-CAN FROM PAPER-STUFF.

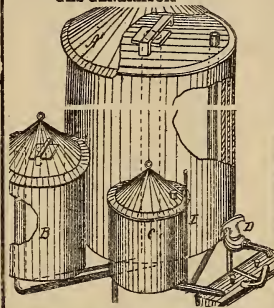


92,321,
H. F. LAWRENCE
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IN FUNNELS.

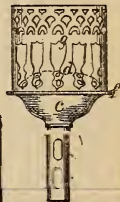
92,310, WILLIAM E. HENRY.
RAILWAY-RAIL SPLICE.



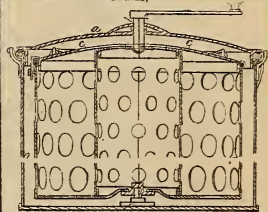
92,317, PATRICK KELLY.
GAS-GENERATOR.



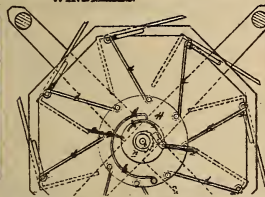
92,322,
H. Y. LAZEAR.
J. L. SHARP.
GAS-HEATER.



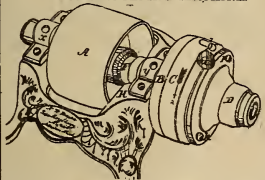
92,323,
CHARLES M.
LELAND.
MACHINE FOR
WASHING DISHES,
KNIVES AND FORKS.



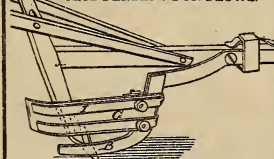
92,311, JAMES M. HENRY C. HILL.
WINDMILLS.



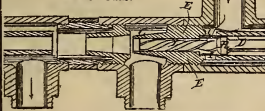
92,312, W. OAH WM. HOUSE.
ROPE-MOULDING MACHINE.



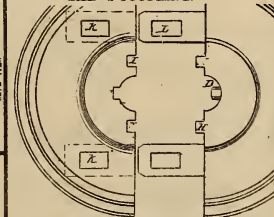
92,318, REUBEN A. KELLY.
CLOD-FENDERS FOR PLOWS.



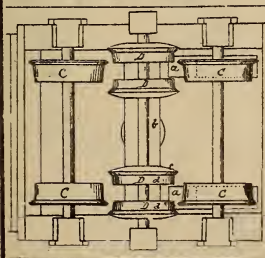
92,313, CHRISTIAN HUGHES.
INJECTORS.



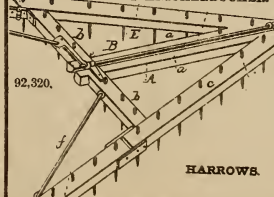
92,319, WILLIAM KENNEDY.
SHAFT-COUPLING.



92,314, G. H. JONES.
RAILWAY-CAR TRUCK.



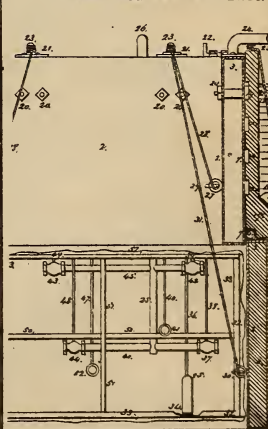
JAY KNICKERBOCKER.



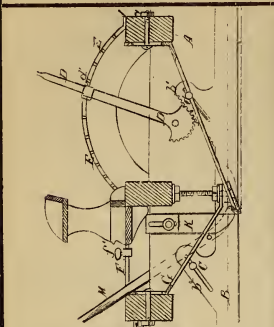
92,320,

HARROWS.

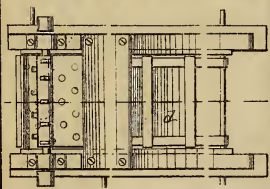
92,324, PORTABLE AND CONVERTIBLE
COFFER-DAM. SAMUEL LEWIS.



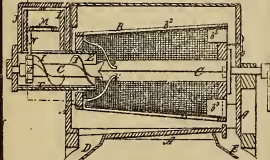
92,325,
SAMUEL LEWIS.
ICE-PLANERS.



92,326. CLOVER AND FLAX-THRESHING MACHINE. SAMUEL H. LINTAN.



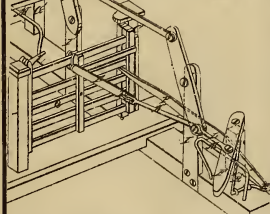
92,327. REVOLVING SCREEN FOR CLEANING GRAIN. DANIEL LOEFFEL.



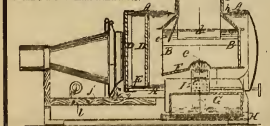
92,328. THOS. L. LUDERS. DEVICES FOR HOLDING THREAD WHILE DOFFING IN SPINNING-MACHINES.



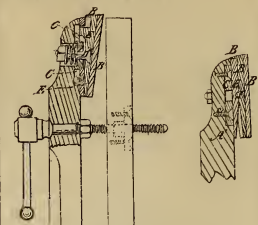
92,329. CHRISTIAN MACK. GATES.



92,330. L. J. MARCY. MAGIC LANTERNS.

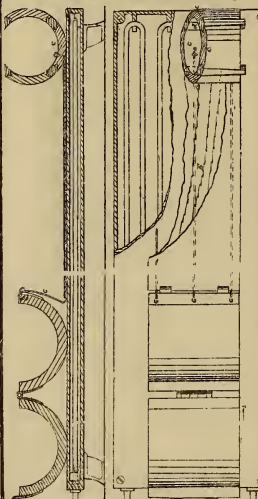


92,331. A. Z. MASON. IMPROVEMENT IN VISE.

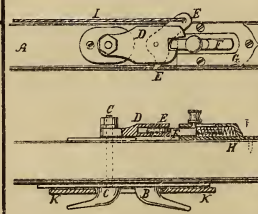


92,332. PROCESS AND APPARATUS FOR MANUFACTURING COMPOSITION-PIPES.

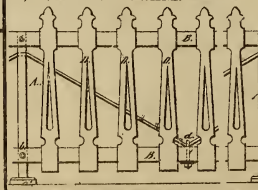
TUBES BARRELS, &c. J. K. MAYO



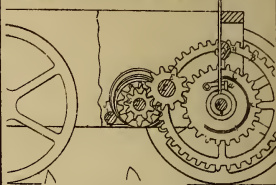
92,333. C. McELROY. DEVICE FOR DETACHING HORSES FROM CARRIAGES.



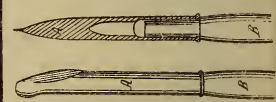
92,334. JAMES M. MCKEE. FENCE.



92,335. J. M. McMASTER. CAR-BRAKE AND STARTER.



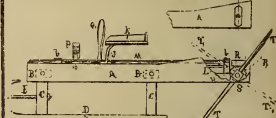
92,336. ROBERT McVEEN. RULING-PENS.



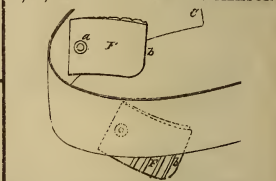
92,337. SAMUEL C. MOORE. NICKEL-LINED CULINARY VESSELS.



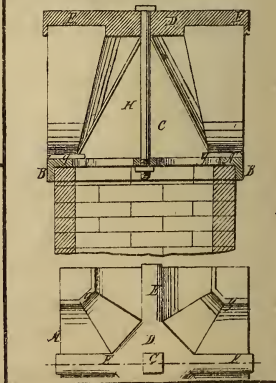
92,338. STEPHEN MOORE. PIPE-LEAK STOPPER.



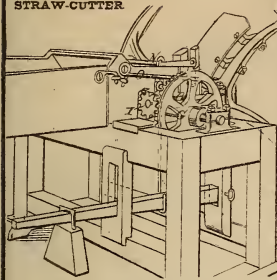
92,339. C. H. MOSBY. HORSE-RAKES.



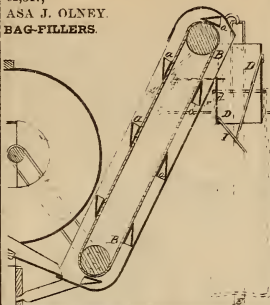
92,341. CHARLES R. SMITH. CHIMNEYS.



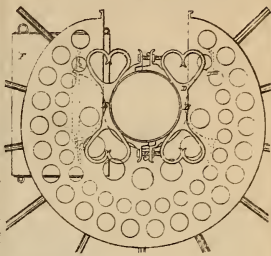
92,342,
F. B. NEWTON
STRAW-CUTTER



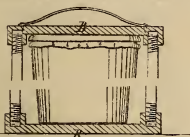
92,347,
ASA J. OLNEY
BAG-FILLERS



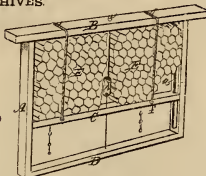
92,352, JOHN PERHAM.
REVERSIBLE STOVE-PIPE SHELF



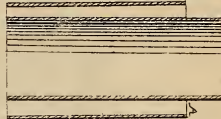
92,343, MOSES H. NICHOLS.
DEVICES FOR SECURING COVERS
TO JARS FOR TRANSPORTATION



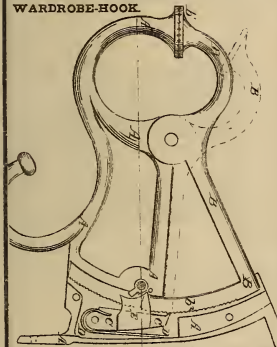
92,348, JOSEPH A. PADDOCK.
JEREMIAH S. ESTEP.
BEE-HIVES



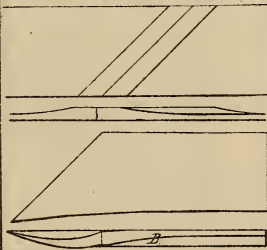
92,353, EDWARD L. PERRY.
CHARLES MANHEIM.
RUBBER OR CUTTA-PERCHA HOSE



92,344, OSCAR NICHOLSON.
WARDROBE-HOOK



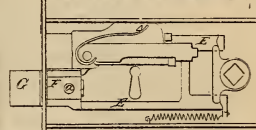
92,349, WILLIAM PARLIN.
PLATE FOR PLOWSHARE-BLANKS



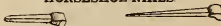
92,354,
F. P. PFLEGHAR.



REVERSIBLE KNOB-LATCH



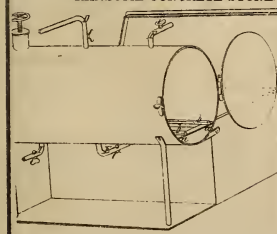
92,355, ARTON M. POLSEY.
METHOD OF MAKING
HORSESHOE-NAILS



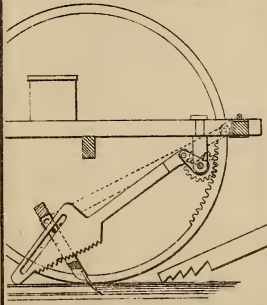
92,356, NIELS POULSON. STAIRS.



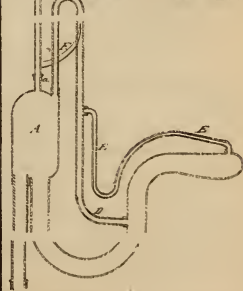
92,345, R. NORRIS, JR.
MODE OF HARDENING AND WORKING
"RANSOME CONCRETE STONE"



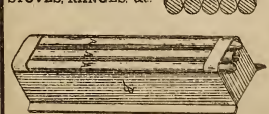
92,350, D. H. PAUL. CULTIVATORS



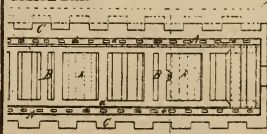
92,357, W. F. PRALL.
STEAM WATER-ELEVATOR



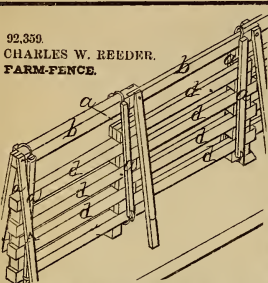
92,346,
BENJAMIN NOTT.
ILLUMINATORS FOR
STOVES, RANGES, &c.



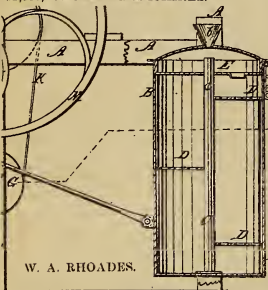
92,351, BENJ. F. PENNY.
JAMES JONES.
GRATE-BAR



92,358,
A. QUESNOT.
ARTIFICIAL STONE



92,360, CHURNING-MACHINES.



W. A. RHOADES.

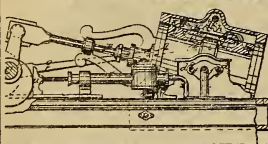
92,361, T. C. RICHARDS.
HEAD FOR SCREWS.



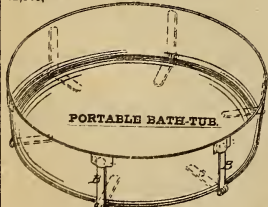
92,362, E. D. RICHARDSON.
YARD-MARK AND KNIFE.



92,363, F. O. RICHER.
OSCILLATING STEAM-ENGINE.

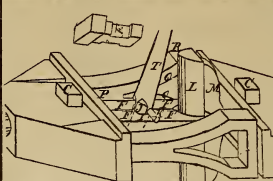


92,364, JNO. P. RIDER.



PORTABLE BATH-TUB.

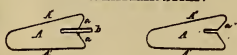
92,365, JAMES RILEY.
RAILWAY-CAR COUPLING.



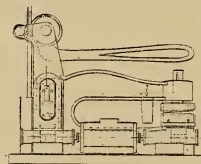
92,366, CHARLES ROBINSON.



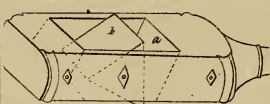
92,367, HORACE A. ROBISON.
WEATHER-STRIP.



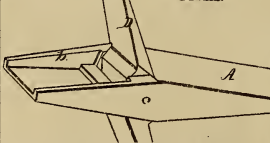
92,368, T. C. ROBINSON.
APPARATUS FOR CUTTING
AND SHEARING METAL



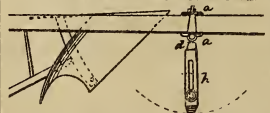
92,369, NATHAN ROSE.
MILL-PICK HANDLE.



92,370, NATHAN ROSE.
PICKS.



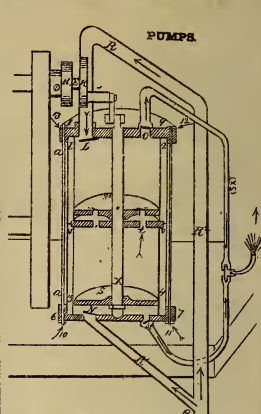
92,371, GEORGE W. RUSSELL. FLOWS.



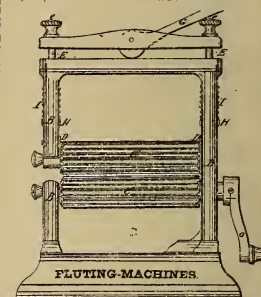
92,372, A. SCHARFF. WHIPS.



92,373, CHRISTIAN SCHMIDT



92,374, CARL SCHORTAU.



PLATING-MACHINES.

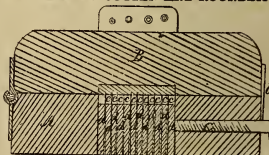


92,375, D. A. SCOTT.
SPRING-BED BOTTOM.

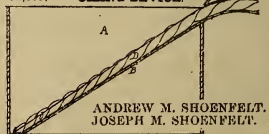


92,376, S. B. SHAW. EEVERAGE.

92,377, S. W. SELLER.
FLY-STRING CUTTER AND ROUNDER.



92,378, OILING-DEVICE.

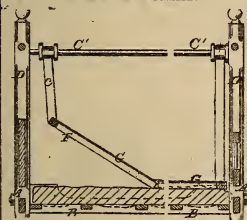


ANDREW M. SHOENFELT.
JOSEPH M. SHOENFELT.

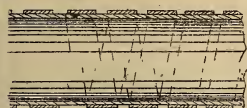
92,379,
CHARLES SINGER.
ROCKING-CHAIR.



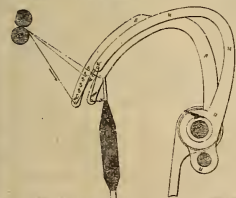
92,380, FRANKLIN H. SMITH.
WILLIAM F. WOOD.
INVALID-BEDSTEAD.



92,381,
GEO. C. SMITH.
PROCESS OF MAKING SUCTION
RUBBER HOSE.



92,382, JOHN BURNS SMITH.
MULES FOR SPINNING.

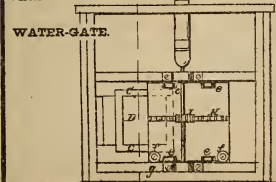


92,383 RAILWAY-CAR COUPLING.

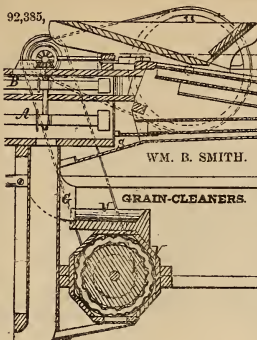
J. C. SMITH.



92,384,
VERNON E. SMITH.
WATER-GATE.



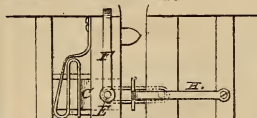
92,385,



WM. R. SMITH.

GRAIN-CLEANERS.

92,386, D. G. W. SNYDER.
RAILWAY-CAR COUPLING.



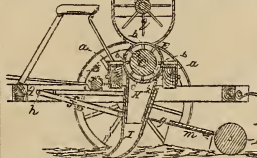
92,387, ENOS SNYDER.
RAILWAY-CAR REPLACER.



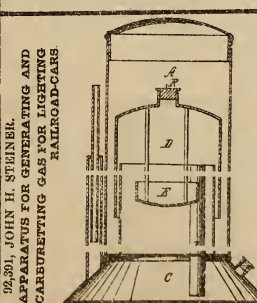
92,388, SAMUEL SNYDER. DEVICE FOR
TURNING AND LOADING
LOGS.



92,389,
A. V. M. SPRAGUE
R. F. OSGOOD. COTTON-SEED
PLANTERS.



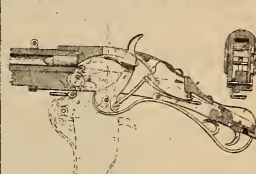
92,390, CONCRETE PAVEMENT.
HARVEY B. STEELE.



92,392, GEORGE STEVENSON.
HARVESTER-DROPPERS.

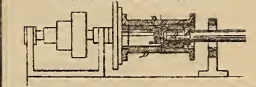


92,393, J. T. STOKES.
BREECH-LOADING FIRE-ARM.



92,394, JOHN R. STRICKLAND.
COMPOUND FOR CURE OF DROPSY.

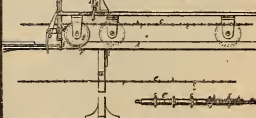
92,395, CHARLES CARROL STRONG.
IMPROVED BORING-TOOL.



92,396, M. SULZBACHER.
FOLDING MATTRESS.



92,397,
WILLIAM A. SUTTON.
EUGENE CROWELL.
RAILWAY.



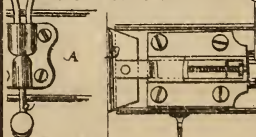
92,398, JOHN TALBOTT.
GUN-CAPS.



92,399, HUGH THOMAS.
LUBRICATORS.

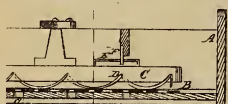
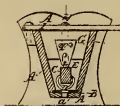


92,400, HUGH THOMAS.
ROBERT WALLACE.
CLOTHES-RACK.

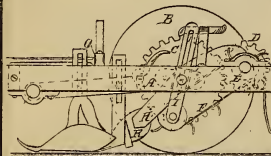


J. G. THOMPSON.
92,401.

SEED-SOWERS.

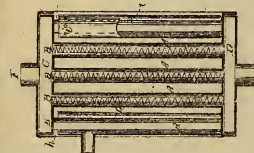


92,402. WILLIAM J. THOMPSON.
POTATO-DIGGER AND PICKER.



92,403. WM. H. TOWERS.
COATING HOOP-SKIRT WIRE.

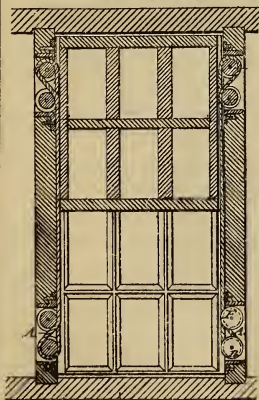
92,404. MARSHALL TURLEY.
J. D. BAYLISS.
STOVE-DRUM.



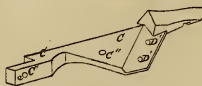
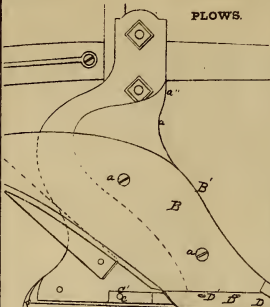
92,405. CARL WANDEL.
HYDRATE OF MAGNESIA.

92,406. CARL WANDEL.
GRANULATED SUGAR.

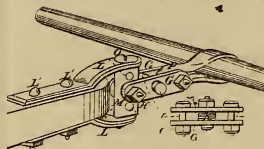
92,407. R. A. WARNER.
WINDOW-SASH BALANCE.



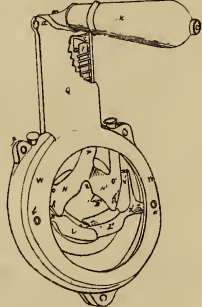
92,408. GEO. WATT.
PLOWS.



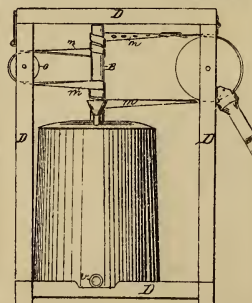
92,409. GEO. WATT.
CLEVIS-ATTACHMENT FOR PLOWS.



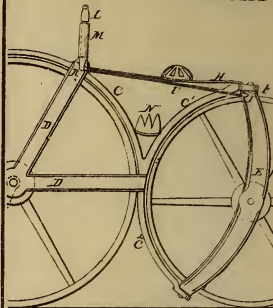
92,410. CORN-SHELLERS.
THEOPHILUS WEAVER.



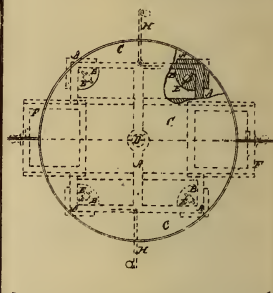
92,411. DANIEL WIDMAYER.
CHURNS.



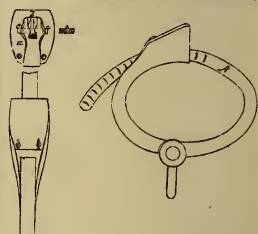
92,412. ALBERT OLIVER WILLCOX, JR.
VELOCIPED.



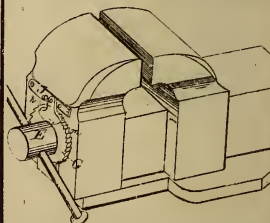
92,413. R. WILSON.
REVOLVING DINING-TABLE.



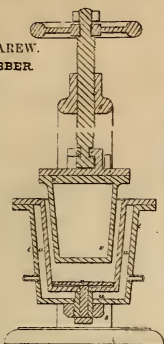
92,414. JAMES A. WISNER.
MONSON HOYT.
LOCKS FOR HANDCUFFS.



3,530. THOMAS L. BAYLIES.
EDWIN CRAWLEY.
VISES.



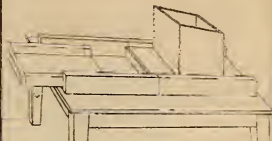
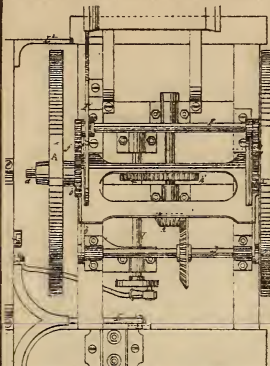
3,531.

JAMES S. CAREW.
INDIA RUBBER.

3,536,

JOHN B. MAYER.

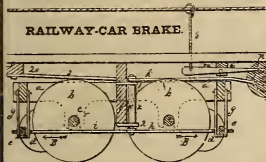
STRIKING-MECHANISM FOR CLOCKS



3,532,

JOHN DAVIS.

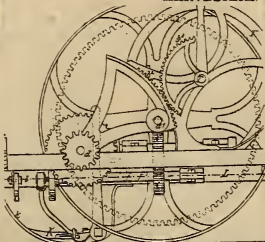
RAILWAY-CAR BRAKE.



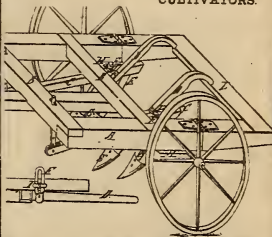
3,537,

O. H. McCORMICK.

HARVESTERS



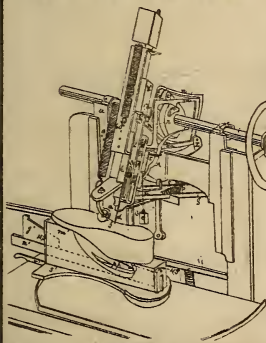
3,541,

J. A. WOODWARD.
S. S. WOODWARD.
THOMAS MASON.
CULTIVATORS.

3,533,

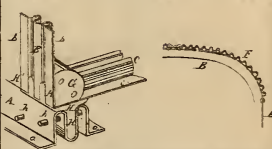
ALPHEUS C. GALLAHUE.

PEGGING BOOTS AND SHOES.



3,542,

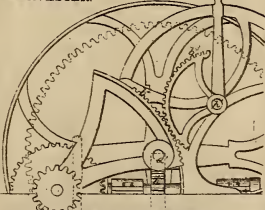
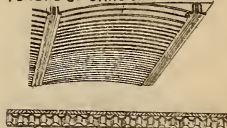
R. MONTGOMERY. RAILWAY-CAR.



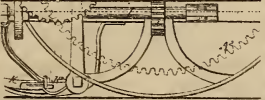
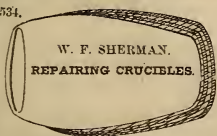
3,538,

O. H. McCORMICK.

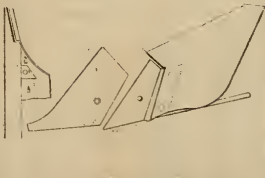
HARVESTER

3,543, R. MONTGOMERY.
FLOORS OF CARS AND BUILDINGS.

3,534.

W. F. SHERMAN.
REPAIRING CRUCIBLES.

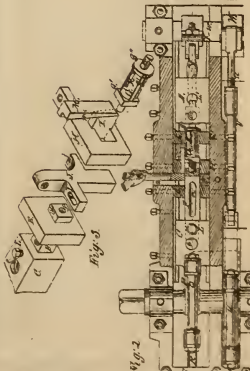
3,539, W. S. SPRATT. PLOWS.



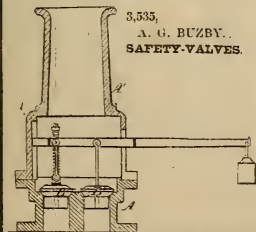
3,544,

DAVID ROWELL.

NUT-MACHINE.



3,535,

A. G. BUZBY.
SAFETY-VALVES.

3,540,

CLAUS SPRECKELS.
CRUSHED SUGAR.

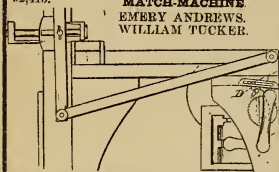
ILLUSTRATIONS OF PATENTS

ISSUED FROM

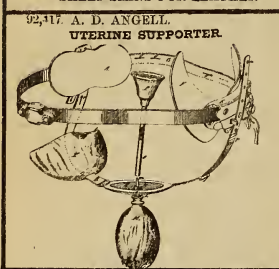
THE UNITED STATES PATENT OFFICE,

JULY 13, 1869.

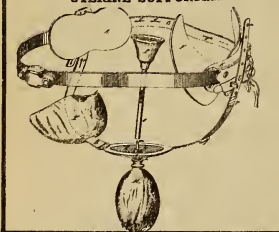
92,415.

MATCH-MACHINE
EMERY ANDREWS.
WILLIAM TUCKER.

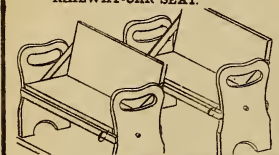
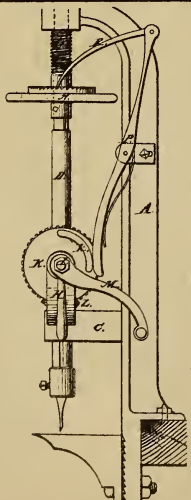
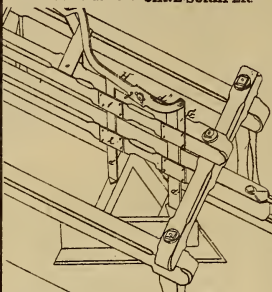
92,416.

ROBERT ANDREWS.
FINISHING AND DRESSING
SHEEP-SKINS FOR LEATHER

92,417.

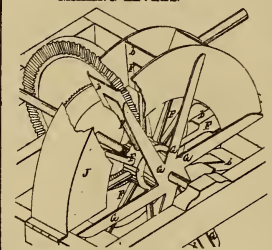
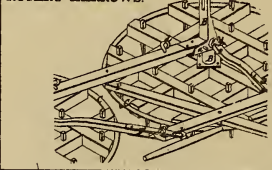
A. D. ANGELL.
UTERINE SUPPORTER.

92,418.

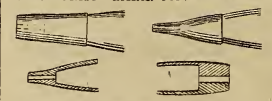
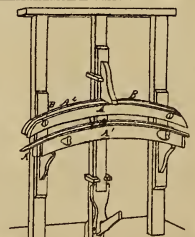
ARTHUR BARBARIN.
RAILWAY-CAR SEAT.92,419, HAMILTON BATES.
DANIEL L. BATES.
IMPROVED DRILL.92,420, L. A. BRINGIER.
N. B. TRIST. CANE-SCRAPER.

92,421, E. J. BROWN

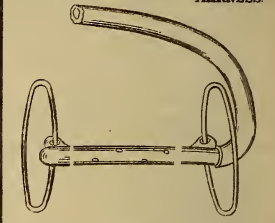
MAKING LEVEES.

92,422, MYRON B. CHAMPION.
ROTARY HARROWS.

92,423, JONAS CLARK. CIGAR-TIPS.

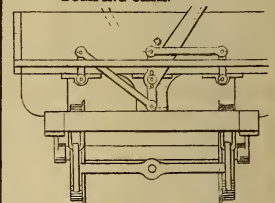
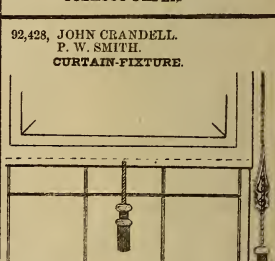
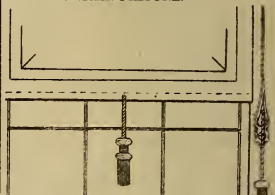
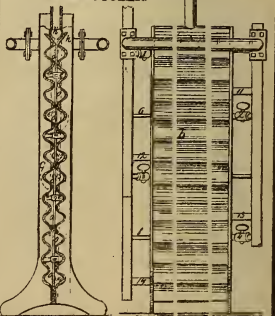
92,424, JAMES B. CLEVELAND.
HENRY C. GUILDERSLEIN.
SETTING, FITTING, AND
TEMPERING SPRING-PLATES.

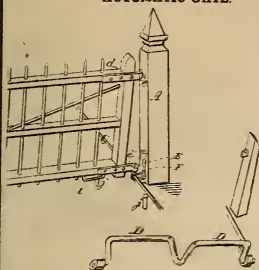
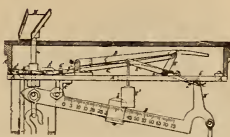
92,425, WM. COMPTON.

REFRESHING HORSES WHILE IN
HARNESS.

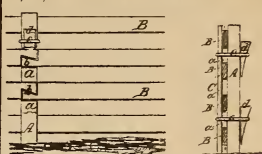
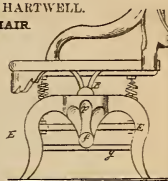
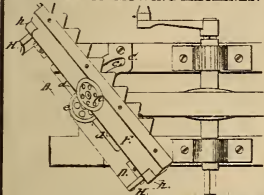
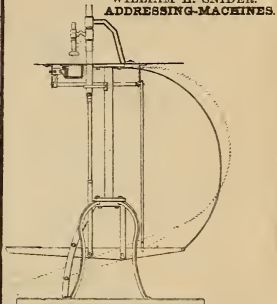
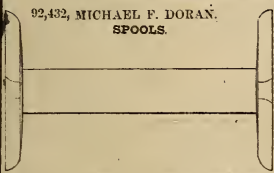
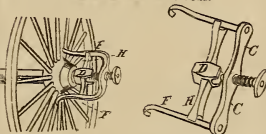
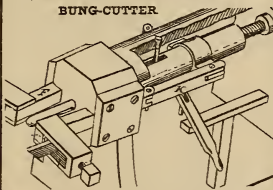
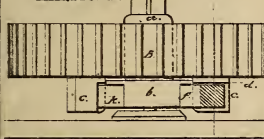
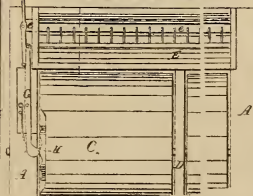
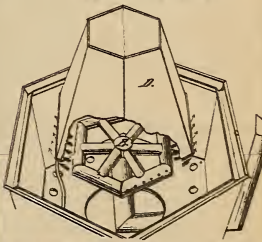
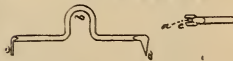
92,426, JOHN G. CONLON.

DUMPING-CARS.

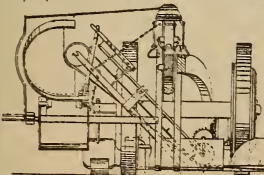
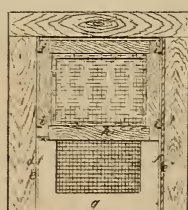
92,427, P. M. CONSUEGRA.
RAMON ANTIGÜEDA.
TOBACCO PAPER92,428, JOHN CRANDELL.
P. W. SMITH.
CURTAIN-FIXTURE.92,429, HENRY C. DART.
BEER-COOLER.

92,430. BENJAMIN F. DICKET.
AUTOMATIC GATE.92,436. HENRY FAIRBANKS.
GRAIN-WEIGHING SCALE.

92,442. H. A. GROVER. FENCE.

92,443. EDSON HARTWELL.
ROCKING-CHAIR.92,431. HENRY DODGE.
MACHINE FOR GRINDING THE
CUTTERS OF MOWING-MACHINES.92,437. ELIAS T. FORD.
POTATO-DIGGERS.92,444. W. H. HENDERSON.
WILLIAM H. SNIDER.
ADDRESSING-MACHINES.92,432. MICHAEL F. DORAN.
SPOOLS.92,438. ELIAS T. FORD.
CARRIAGE-WRENCH.92,439. ANDREW GOETZINGER.
BUNG-CUTTER.92,433. J. J. DOUGHTY.
STEADYING THE MOTION OF
MILLSTONES.92,434. JOHN A. EBERLY.
HENRY WECHTER.
HORSE HAY-FORK.92,440. E. J. GORDON.
PLASTER-SOWER.92,445. GARDNER HERRICK.
SAD-IRON HEATER.92,446. JOSEPH M. HOADLEY.
NEEDLE-SETTER FOR
SEWING-MACHINE.

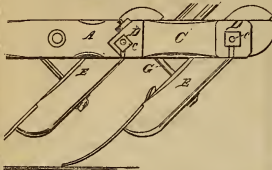
92,435. EZRA EMMERT. HARVESTERS

92,441.
JOHN M. GRISWOLD.
MOSQUITO-SCREEN.

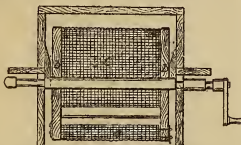
92,447. CHAS. HOFINGHOFF. COAL-BOX.



92,448, J. L. HOOD.
DOUBLE-FOOTED FLOW-STOCK



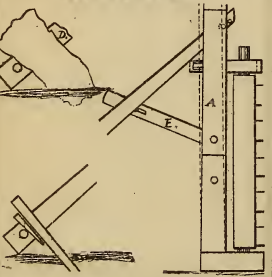
92,449, B. F. HORN. ASH-SIFTER.



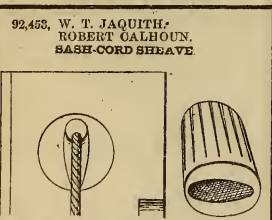
92,450, POTATO-DIGGER.
JAMES H. HOTCHKIN.



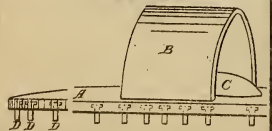
92,451, ELLIAN HUMPHREYS.
FENCE-GATE POST.



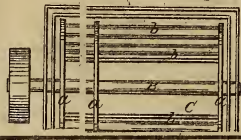
92,452, JOHN W. HYATT, JR.
COATING AND BEAUTIFYING THE
SURFACE OF BILLIARD-
BALLS, KNIFE-HANDLES.



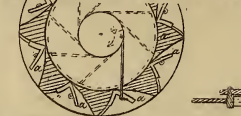
92,454, LEMUEL P. JENKS.
CURRY-COMB



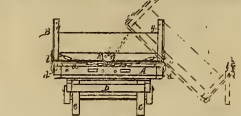
92,455, THOS. W. JOHNSON.
APPARATUS FOR CONCENTRATING
EXTRACTS OF BARK AND OTHER
LIQUIDS.



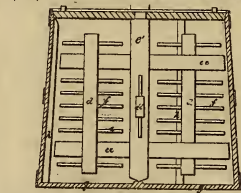
92,456, JULIUS H. JONES.
SCROLL-GATES FOR WATER-WHEELS.



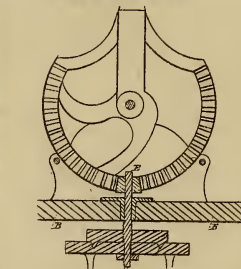
92,457, ISAAC KEITH. DUMPING-CAR



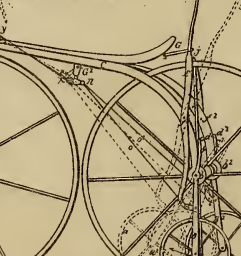
92,458, AUG. KINDERMANN. CHURNS.



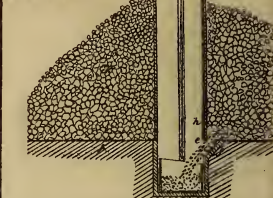
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WASHING-MACHINE.



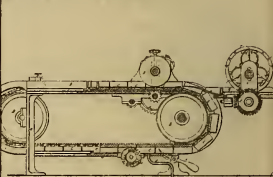
92,460, HENRY LAURENCE.
VELOCIPEDES.



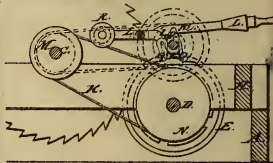
92,461, ALFRED LAWTON.
RAISING COAL.



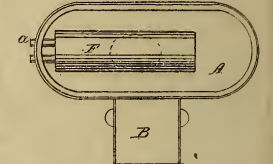
92,462, PETER H. MAYO.
MAKING PLUG TOBACCO.



92,463, GEORGE L. McCAHAN.
SAW-MILLS.

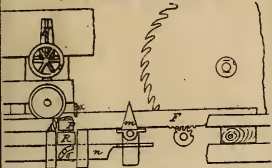
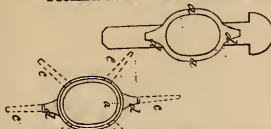
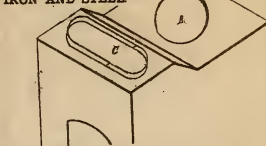
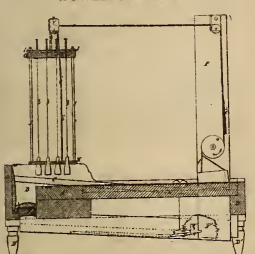
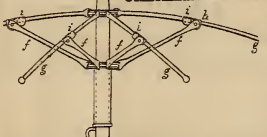
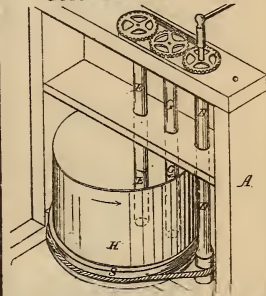
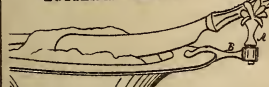
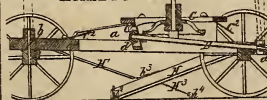
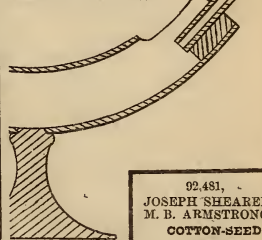
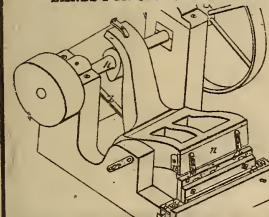
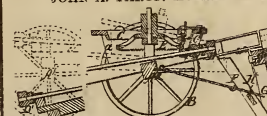
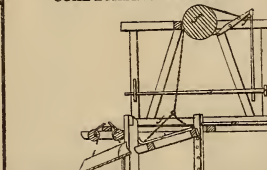
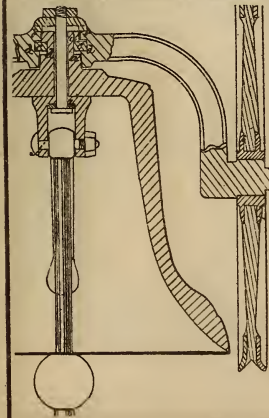
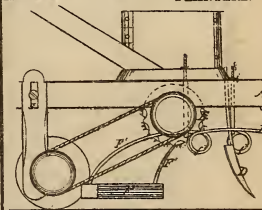


92,464, JAMES H. McCONNELL.
COOKING-STOVE.



92,465, WM. NEEDHAM.
J. KITE.
DEPURATING LIQUIDS.



92,466, JOHN ORM.
CIRCULAR-SAW MILLS.92,471, GEORGE L. RICHARDSON.
JAMES C. MOODY.
PICKER-CUSHIONS FOR LOOMS.92,478, HENDERSON ROSS.
D. F. AGNEW.
IRON AND STEEL.92,467, AMOS T. PEIRCE.
BOWLING-ALLEYS.92,472, HORACE T. ROBBINS.
UMBRELLA-FRAMES.92,479, C. B. SAWYER.
DOUGH-KNEADER.92,468, BENJAMIN D. REED.
BUTTER-KNIFE REST.92,473, CYRUS ROBERTS.
JOHN A. THROP.
HORSE-POWER.92,474, CYRUS ROBERTS.
JOHN A. THROP.
HORSE-POWER.92,480, THOMAS SHAW.
SHOTTING METALS.92,469, JACOB REESE.
BANDS FOR SHINGLE-BUNDLES.92,475, CYRUS ROBERTS.
JOHN A. THROP. HORSE-POWER.92,476, SAMUEL S. ROBERTS.
COAL-LOADING APPARATUS.92,470, JOSHUA REGISTER.
ROTATING BELL AND BELL-WHEEL.92,481, JOSEPH SHEARER.
M. B. ARMSTRONG.
COTTON-SEED
PLANTERS.92,482, CORELLI W. SIMPSON.
BOOK-HOLDERS.

PRACTICAL ARITHMETIC.

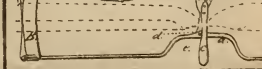
Ex-3. Add 916.16, 73 and 23.

125	Tent	9	75	375	16
6250	9	13	18		
Ans.	18	3	13	18	500

Ans. 113 25.

4 From 825 T. subtrac. 62 cent.

5 Add 23. 72.2 and 1/2 d.



DENOM

17. From

18 From

19 Add 3

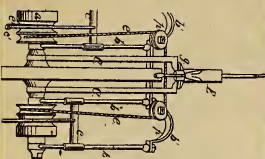
20 From

25. From

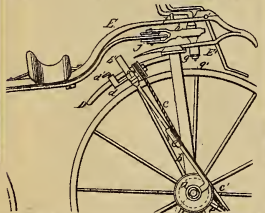
26. From

27. From

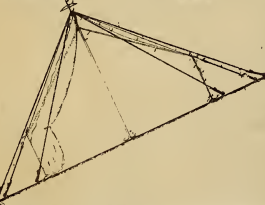
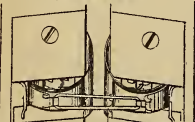
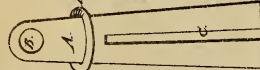
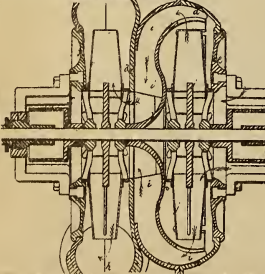
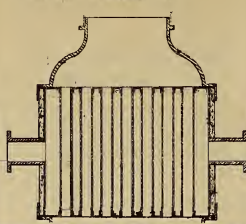
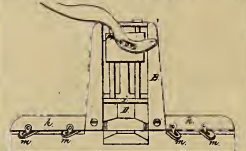
92,483, ALBERT SINCLAIR. BROOM.

92,484, CHRISTIAN SMITH.
TANNING SKINS

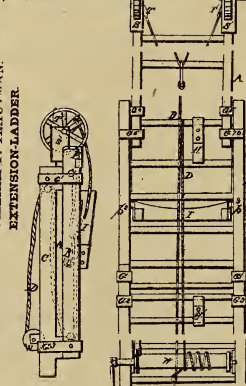
92,485, W. H. SMITH. VELOCIFEDE



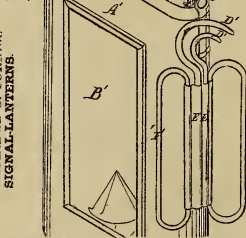
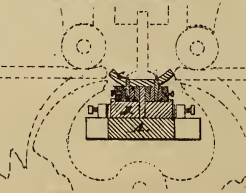
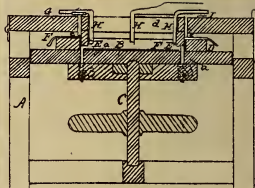
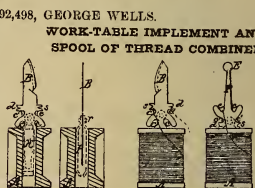
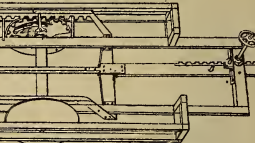
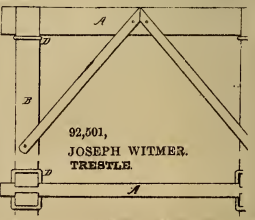
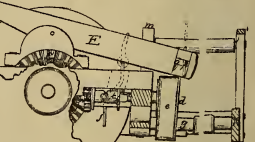
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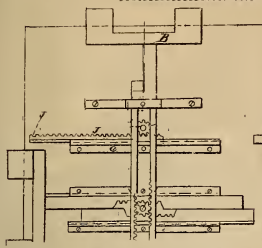
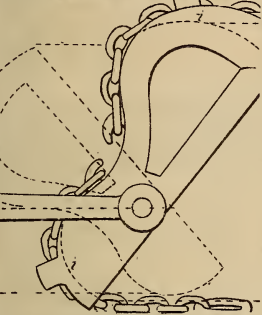
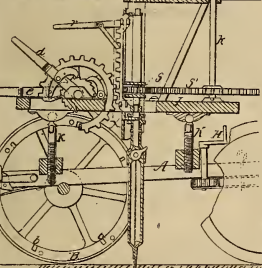
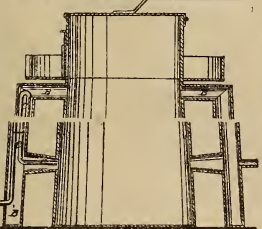
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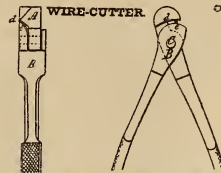


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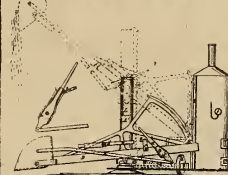


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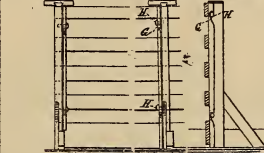
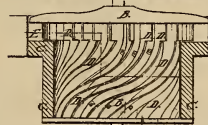
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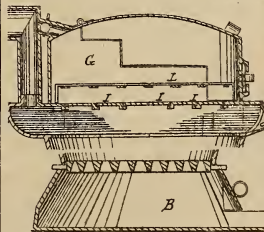
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92,508, JOHN A. BAILEY.
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92,509, THOS. BARNES. FENCE.

92,510, JEREMIAH BARNEY.
TURBINE WATER-WHEELS.

92,511, ISAAC J. BAXTER. COAL-STOVE

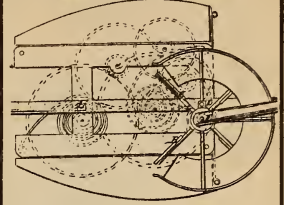


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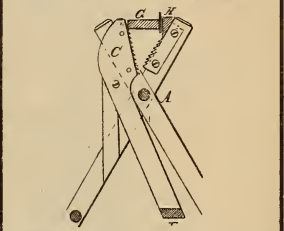
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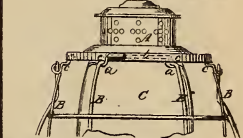
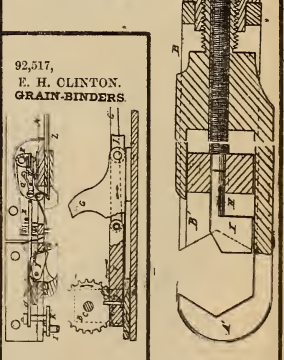
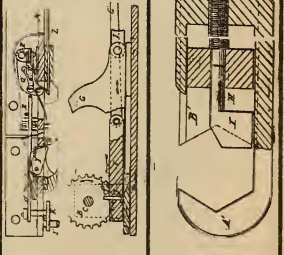
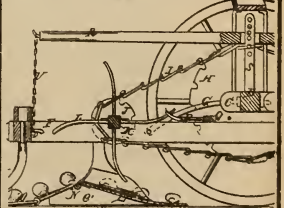
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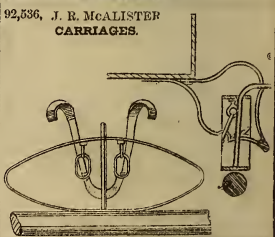
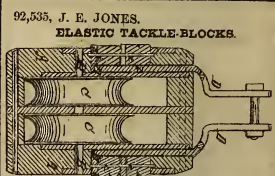
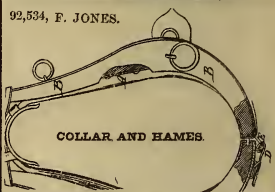
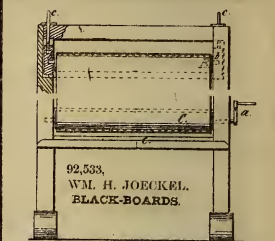
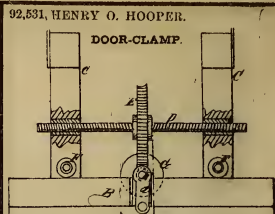
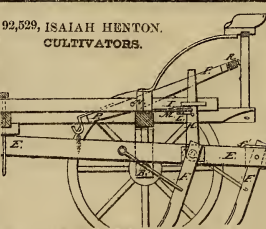
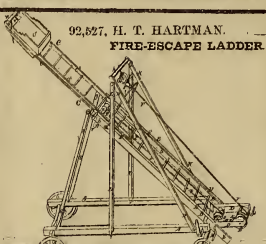
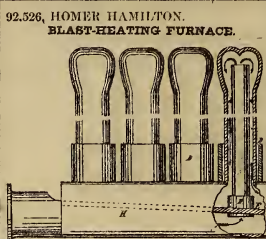
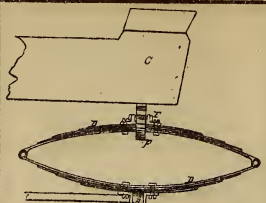
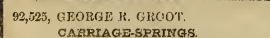
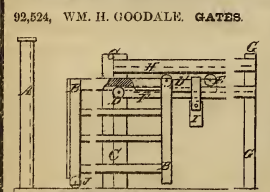
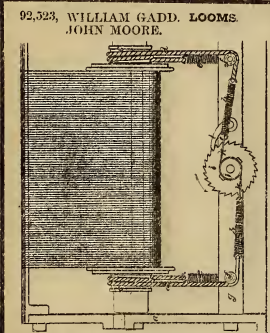
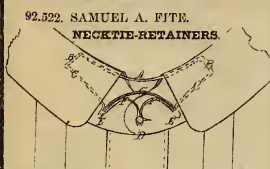
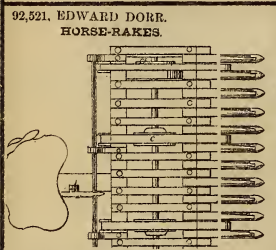
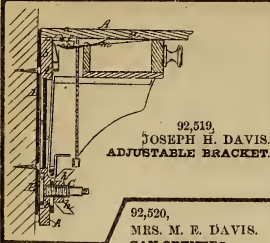
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SPRING-FAN ATTACHMENT.

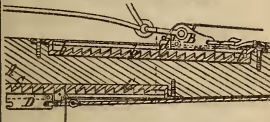
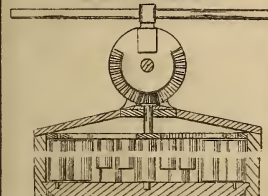
92,514, ERASTUS H. CLARK. SAW-BUCK



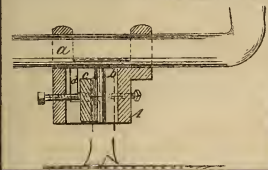
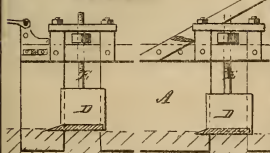
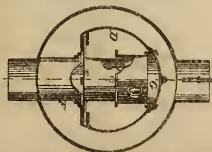
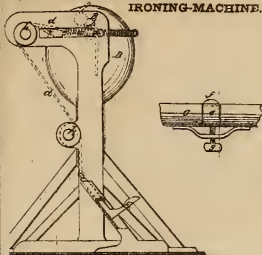
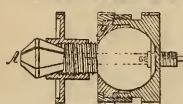
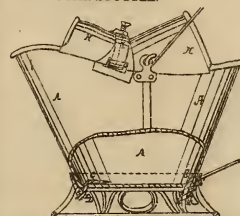
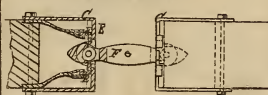
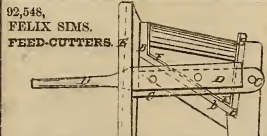
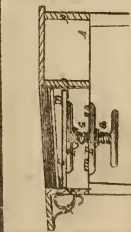
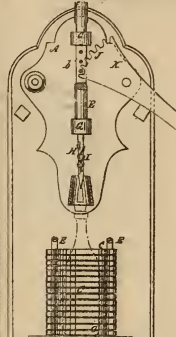
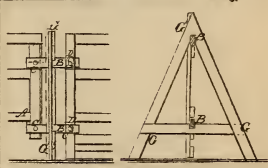
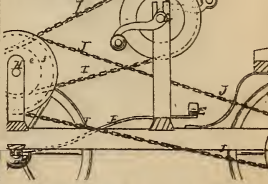
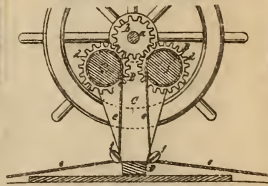
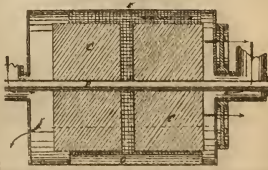
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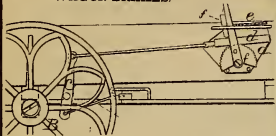
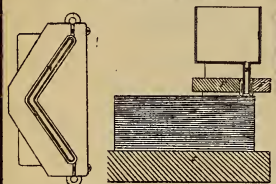
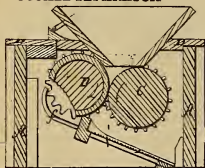
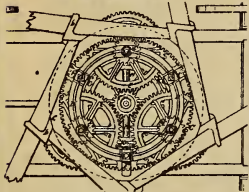
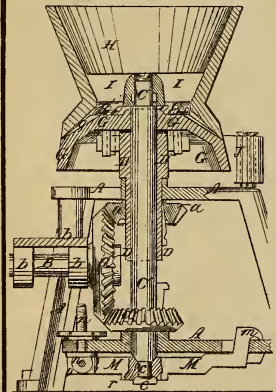
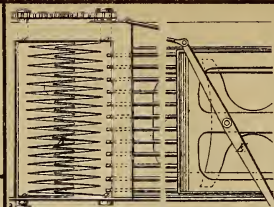
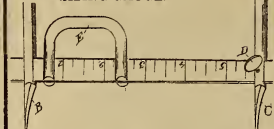
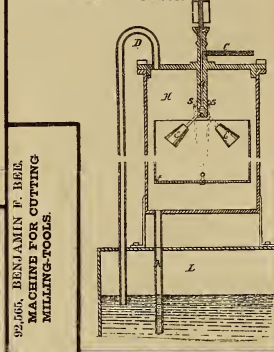
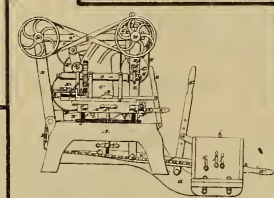
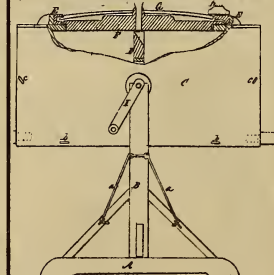
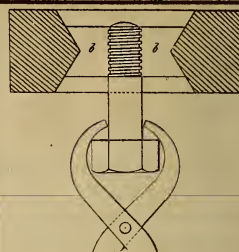
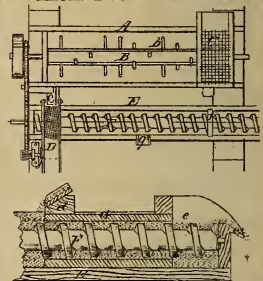
92,516, EDWARD CLARKSON.
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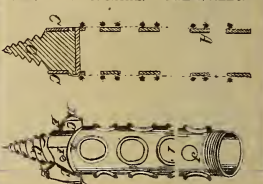
92,537, JOSEPH H. MELICK.
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OUTHAUL FOR BOOMS.92,540, MOSES A. PAGE.
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92,541, S. T. PEAT. AUGER-HANDLES.

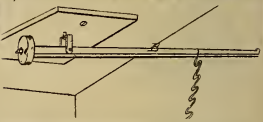
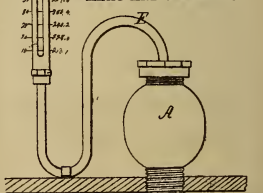
92,542, WILLIAM F. POUGH.
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JOHN BELKNAP.
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COAL-SCUTTLE.92,547, JOEL E. SIMPSON.
CAR-COUPLING.92,548,
FELIX SIMS.
FEED-CUTTERS.92,549, WILLIAM STANFIELD.
SASH-BALANCE.92,550,
W. B. C. STIRLING.
RECORDING-DESK
OR TABLE.92,551, LELAND D. VERMILYA.
WILLIAM S. REYBURN.
EDMOND A. W. HUNTER.
LIGHTNING-RODS.92,552, CHARLES G. WILSON.
CORK-EXTRACTOR.92,553,
WILLIAM WILSON, JR.
PORTABLE FIELD-FENCE.92,554, HENRY WOLFKILL.
VELOCIPEDES.92,555, HENRY YORK.
STEERING-APPARATUS.92,556, WILSON AGER.
GRAIN-CLEANER.

92,557. WM. P. ALCORN.
WAGON-BRAKES.92,558. EDWIN ALLEN.
ENVELOPE-GUMMERS92,559. S. W. ANDREWS.
L. GODFREY.
COCKLE-SEPARATOR92,560. CORNELIUS AULTMAN.
JOSEPH ALLOXAS.
HORSE-POWERS.92,561. WILLIAM R. AXE.
PAINT-MILLS.92,562. ISAAC R. BARBOUR.
FURNACE-GRATES.92,563. STEPHEN V. BARNES.
SIDING-GAUGE.92,564. F. S. BARUS.
LOW-WATER INDICATOR92,565. BENJAMIN F. BEE.
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MILLING-TOOLS.92,566. CHARLES H. BEEMAN.
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MACHINE FOR CLEANING SAND.

92,569. S. L. BIGNALL. TUBE-WELLS.



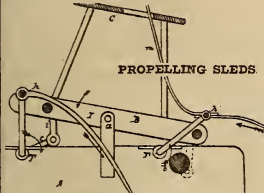
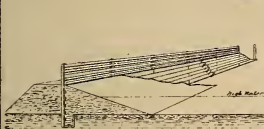
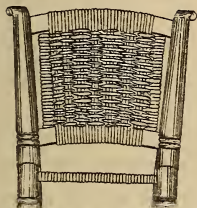
92,570. A. C. BLACK. LAMP-CRANES.

92,571. GEO. W. BLAKE.
STEAM AND OTHER ENGINERY.92,572.
JAMES M. BLANCHARD.
STEAM-GAUGE FOR
HEAT AND PRESSURE.

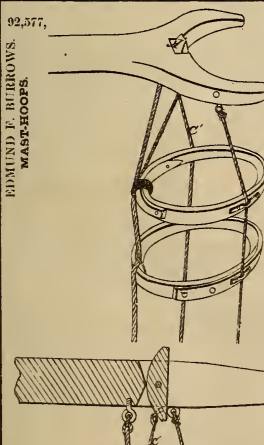
92,573, L. P. BRADLEY.
TAPE-MEASURES.

92,574, JOHN BRAUN.

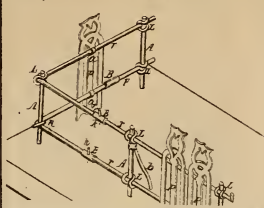
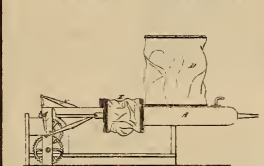
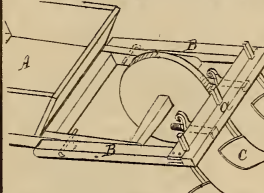
PROPELLING SLEDS

92,575, ALEXANDER G. BRAWNER.
LEEVE.92,576,
PETER BUCKLEY.
CHAIRS

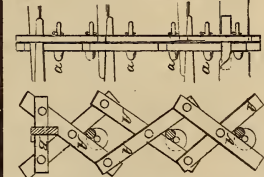
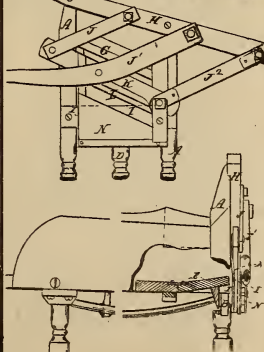
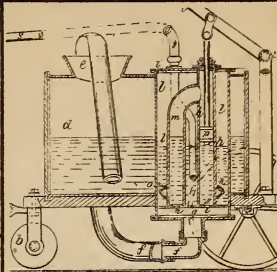
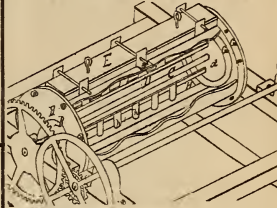
92,577,

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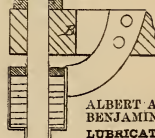
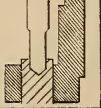
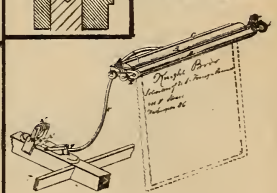
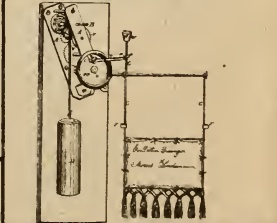
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92,580, JOHN S. BUTLER.
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92,582, JOHN CARR. FENCE.

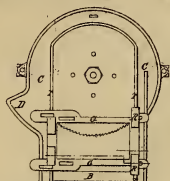
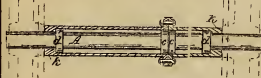
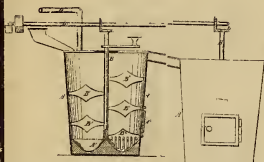
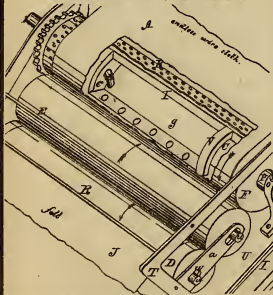
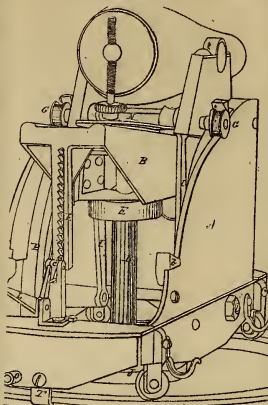
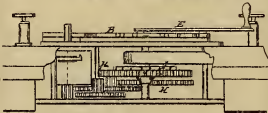
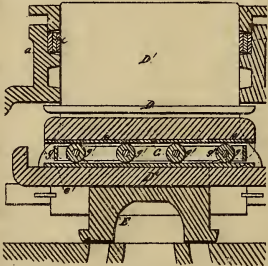
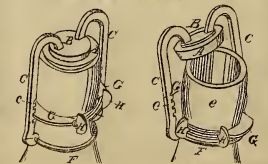
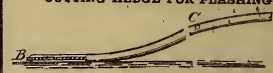
92,583, DANFORD CHAFFEE.
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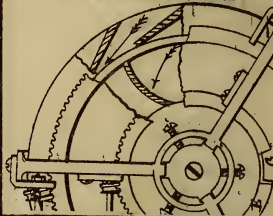
92,590, JOHN DOOLEY. COMBINED
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92,591,

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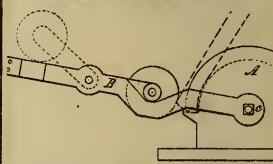
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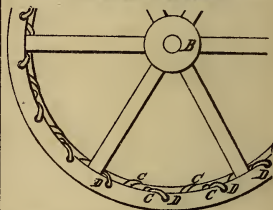
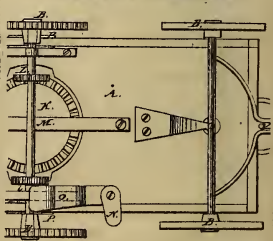


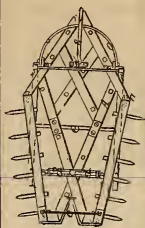
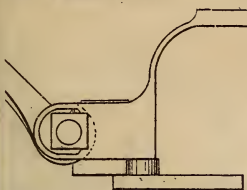
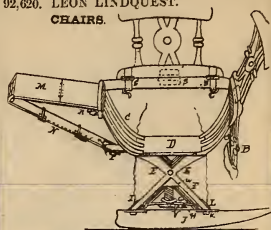
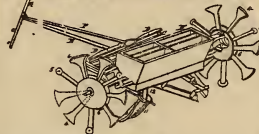
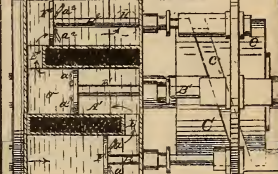
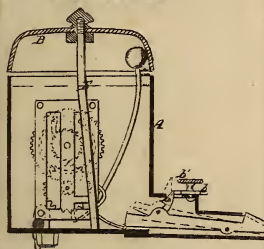
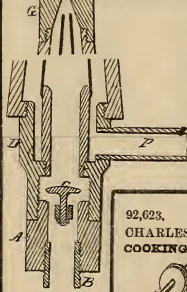
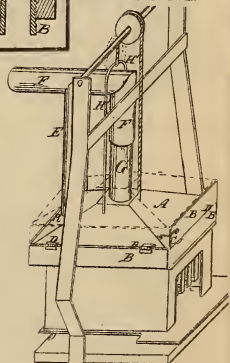
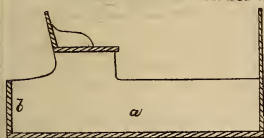
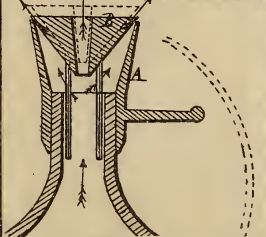
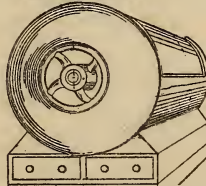
92,604, GEO. V. GRIFFITH.

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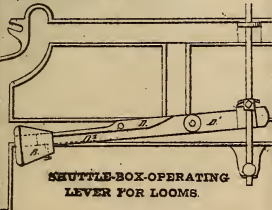
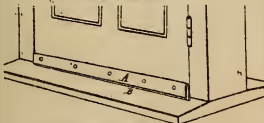
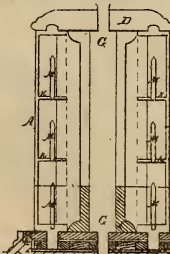
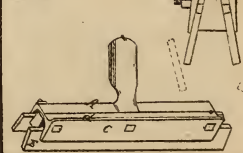


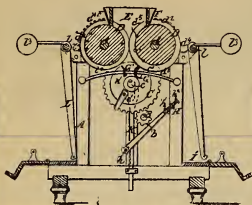
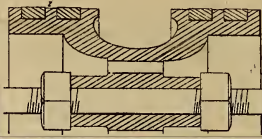
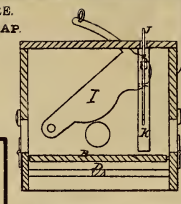
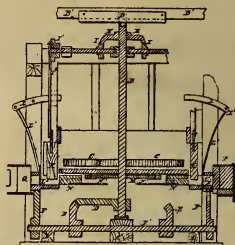
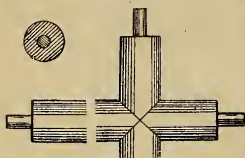
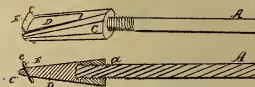
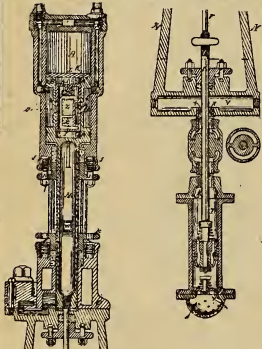
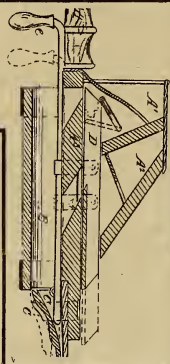
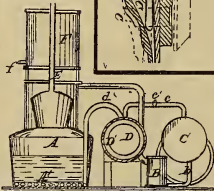
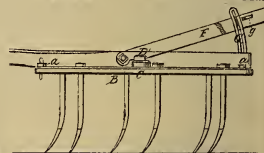
92,605, EDW. HALE.

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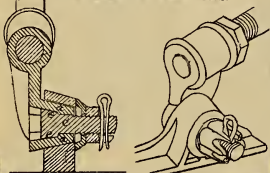
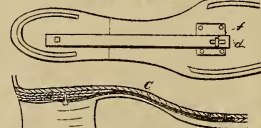
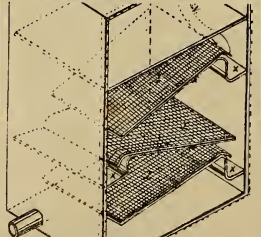
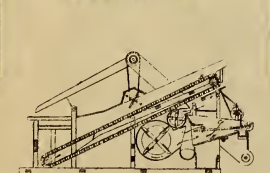
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92,612, BARTON H. JENKS.

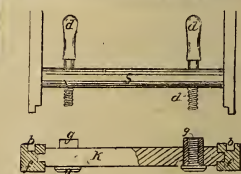
92,613, CHAS. A. JUDD.
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ALBERT KANE. HARROWS.

92,625. JOHN F. MALLINCKRODT.
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LIGHTNING-RODS.92,639. WM. S. PADDOCK.
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92,642. OLIVER L. PAYNE. CLAMPS.

92,628. W. K. MILLER.
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BOOTS AND SHOES.92,635. WILLIAM J. NICHOLS.
CARBURETTER FOR AIR AND GAS92,629. W. K. MILLER
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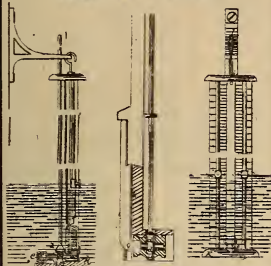
92,643. J. E. FENCILLE. BEDSTEAD.



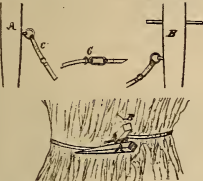
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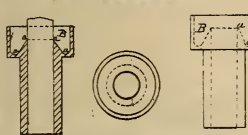
92,645, WM. OSCAR REIM.
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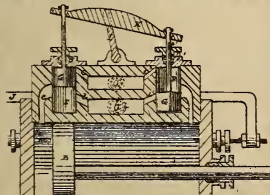
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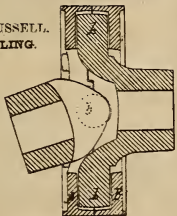
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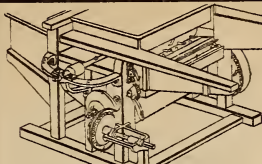
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DIRECT-ACTING ENGINE VALVE GEAR



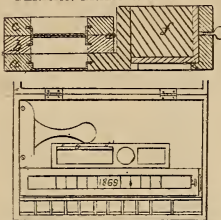
92,649, CLEMENT RUSSELL.
SHAFT-COUPLING.



92,650, CLEMENT RUSSELL.
THOS. H. RUSSELL.
W. K. MILLER.
THRESHING-MACHINES



92,651, GEORGE SANGER.
GERMAN ERASIVE SOAP.



92,652, GEORGE SANGER.
CHEMICAL OLIVE SOAP.

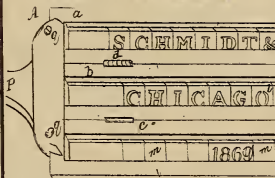
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SCOURING AND FULLING-SOAP.

92,654, GEORGE SANGER.
DETERSIVE SOAP.

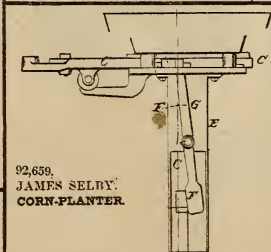
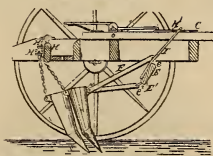
92,655, GEORGE SANGER.
"FULLING-SOAP."

92,656, GEORGE SANGER.
REFINING TALLOW.

92,657, LEONHARD SCHMIDT.
FRED. E. HELD.
STENCILLING-APPARATUS.

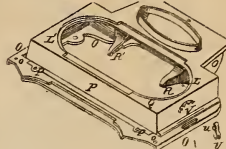


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GRAIN-DRILLS.

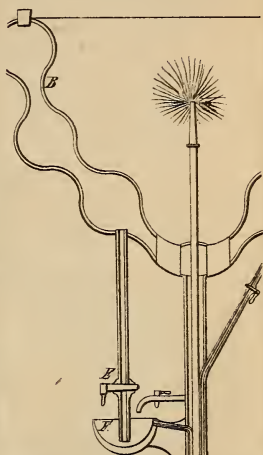


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CORN-PLANTER.

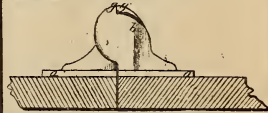
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COOKING-STOVE.



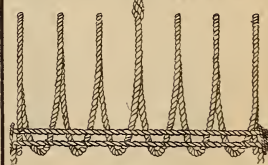
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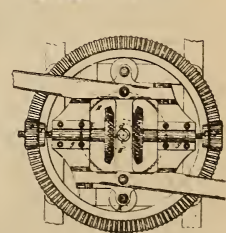
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HINGE RICHARD W. ENGLISH.



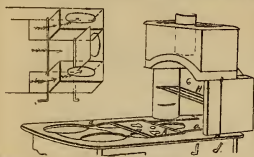
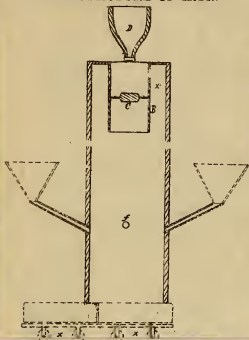
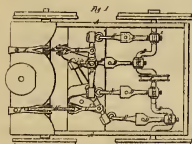
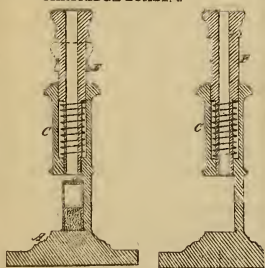
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TOAST-RACK



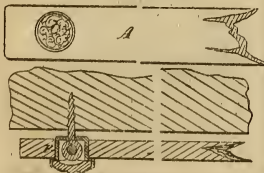
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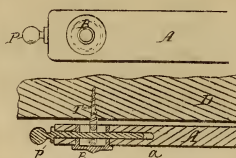
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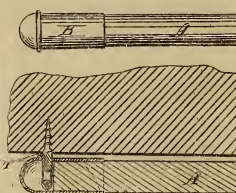
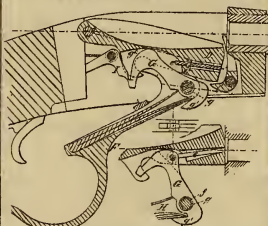
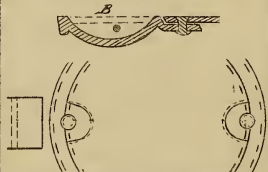
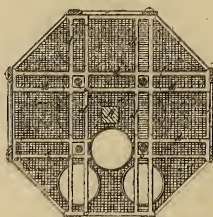
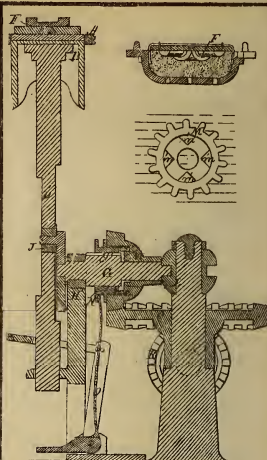
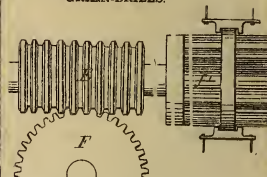
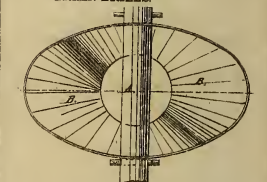
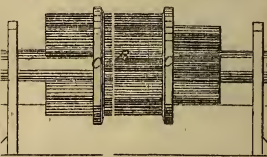
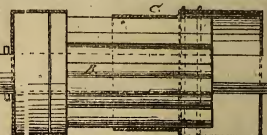
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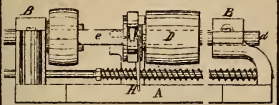
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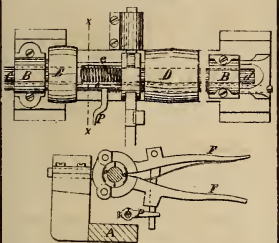
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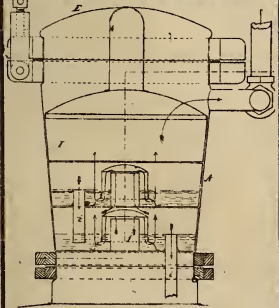


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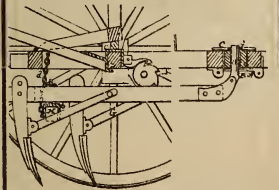


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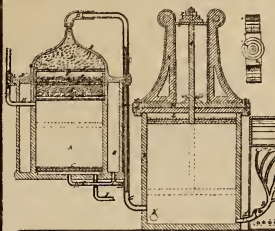
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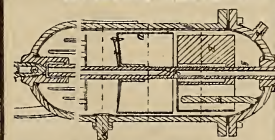
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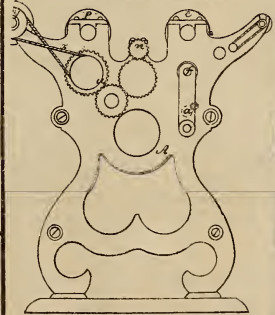
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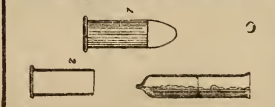
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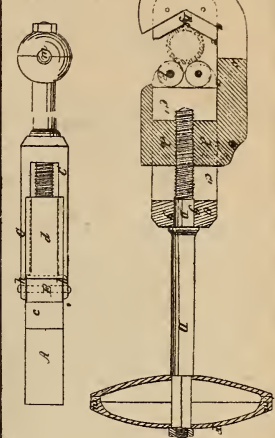
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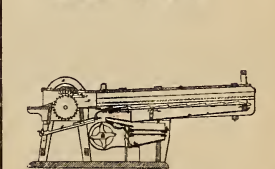
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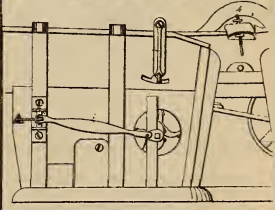
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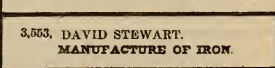
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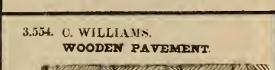
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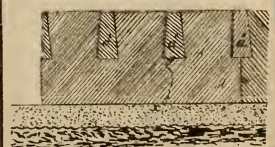
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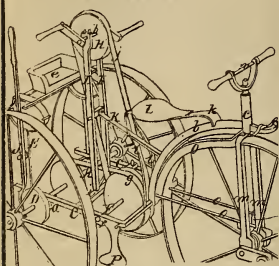
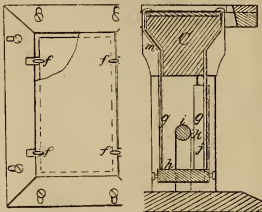
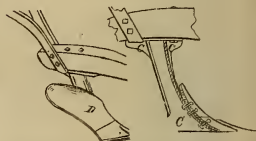
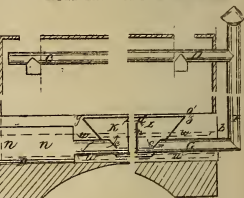
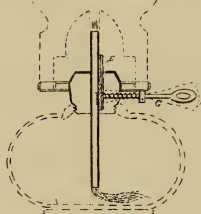
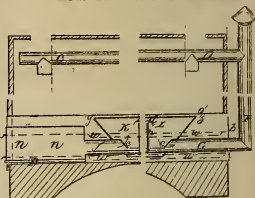
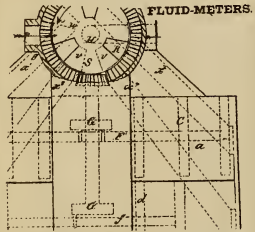
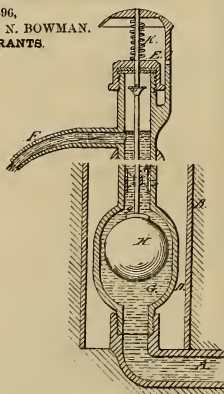


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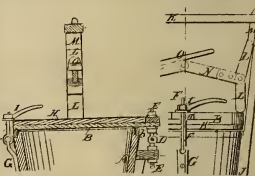
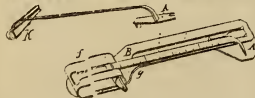
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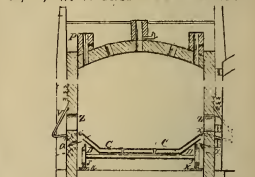
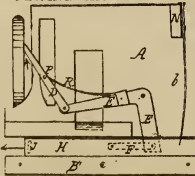
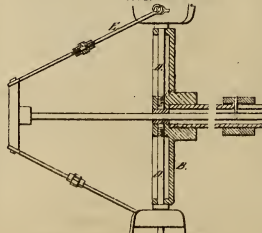
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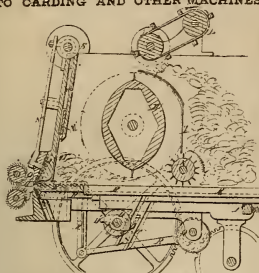
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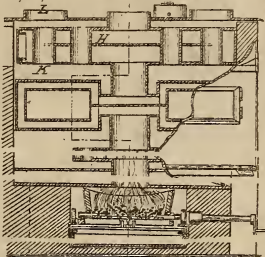


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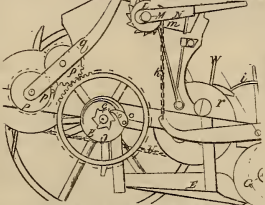
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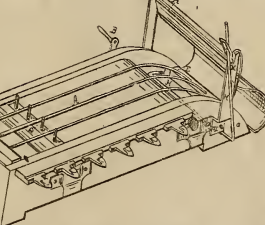
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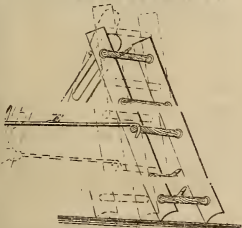
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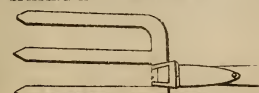
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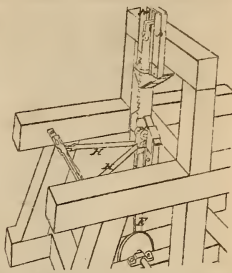
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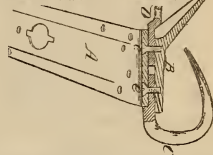
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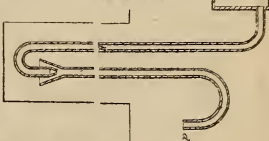
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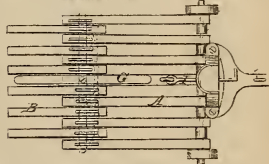
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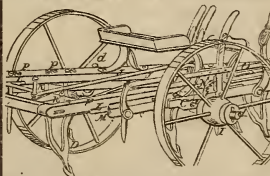
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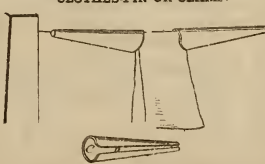
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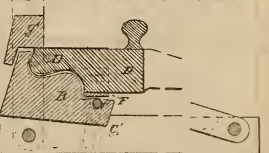
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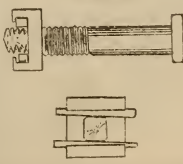
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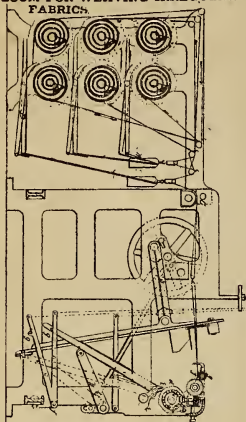
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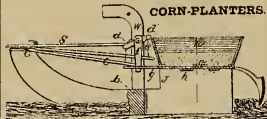
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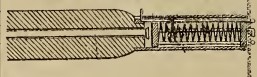
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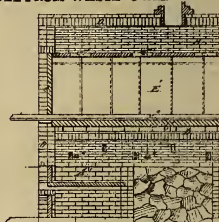


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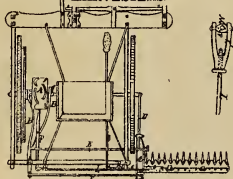


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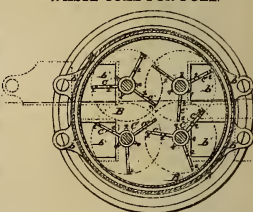
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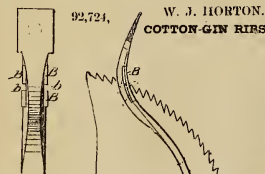
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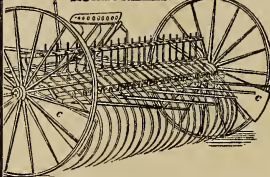
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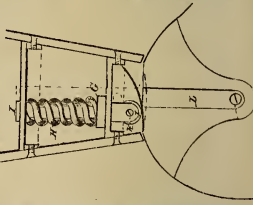
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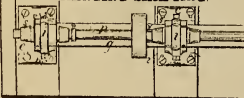
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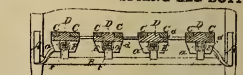
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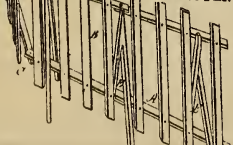
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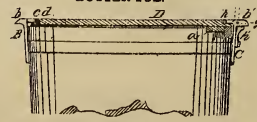
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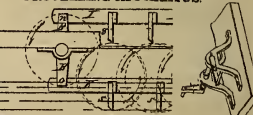
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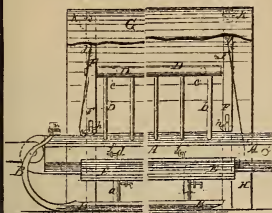
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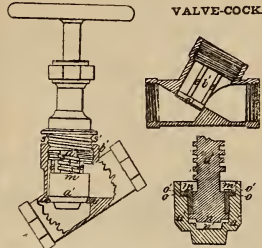
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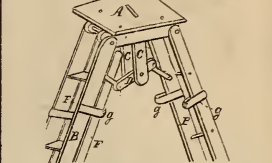
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HENRY M. DAVIS.
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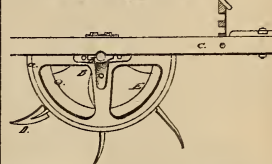
92,754, P. A. SCHANCK.
DUST-PAN.



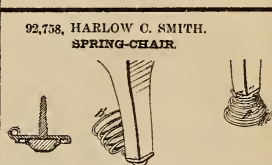
92,755, BRONSON SCHOONMAKER.
LADDER.



92,756, LYMAN SHERWOOD.
SPADING-MACHINE.



92,757, ROBT. SIM. COMPOSITION
FOR PREVENTING THE FOULING
OF SHIPS' BOTTOMS.



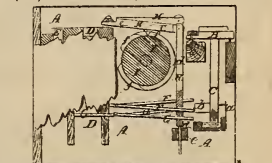
92,758, HARLOW C. SMITH.
SPRING-CHAIR.



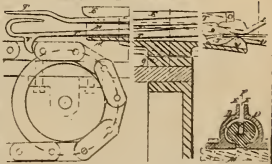
92,759, J. B. SMITH.
SHOULDER-SUPPORT.



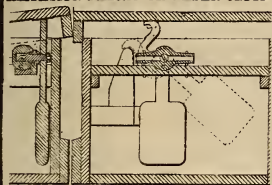
92,760, ADAM STORCK ORGAN-ACTION.



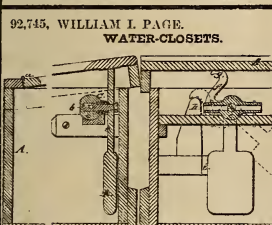
92,761, STEPHEN P. M. TASKER.
ROBT. BRIGGS.
DRAWING TUBE-SKELPS.



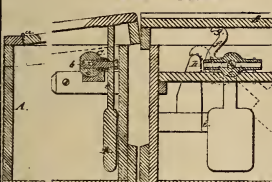
92,743, JAMES H. NEWTON.
IMITATION FAIRIC OR PAPER CLOTH.



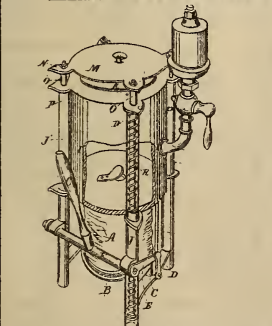
92,744, JOSHUA G. NICKERSON.
FERTILIZER FROM SEA-WEED.



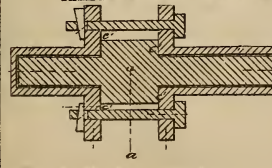
92,745, WILLIAM I. PAGE.
WATER-CLOSETS.



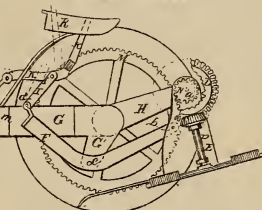
92,746, ZADOCK PANGBORN.
ALARMS FOR SAILING-VESSELS.



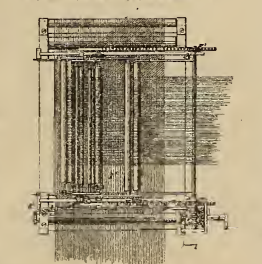
92,747, CHARLES PARKIN.
SAMUEL TRETHERWEY.
TEMPERING STEEL CASTINGS.



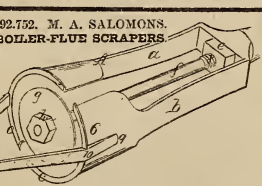
92,749, BENJAMIN REAMER.
CORNELIUS VAN DERZEE.
POTATO-DIGGER.



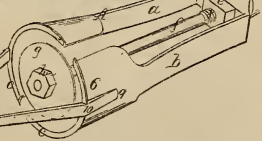
92,750, LYMAN ROBINSON.
MACHINES FOR CROSSING FIBRES IN
FORMING BATS FOR FELTING.



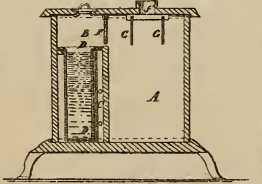
92,751, JOHN ROGERS.
LAURENCE REID. TREATING
AND REVIVIFYING BONE-BLACK.



92,752, M. A. SALOMONS.
BOILER-FLUE SCRAPER.

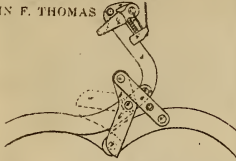


92,753, CYRUS SANBORN.
RAILROAD-CAR HEATER.



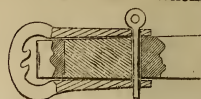
92,762. HORSE HAY-FORKS.

JOHN F. THOMAS



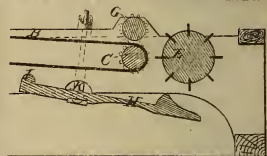
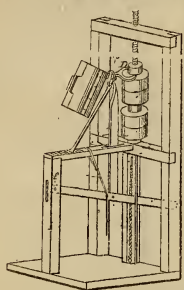
92,773. JAMES L. BALDWIN.

FLOW-BEAM-CLEVIS ATTACHMENT.



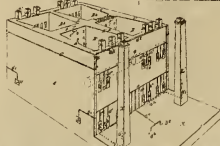
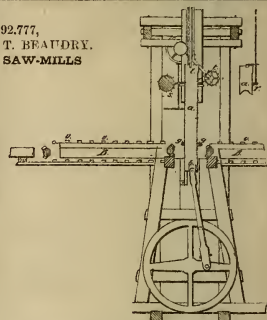
92,776. O. W. BEAN.

BREAKING AND SCOURING HIDES.

92,768. JOHN H. TUTTLE.
MANUFACTURE OF RUBBER BALLS.92,769. JAMES M. YOUNGBLOOD.
STOMACH-PUMP.

92,770. HENRY W. ADAMS.

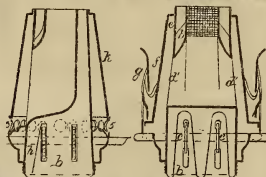
BRICK-KILNS.

92,777. T. BEAUFREY.
SAW-MILLS.

92,764. JOHN H. TUTTLE.

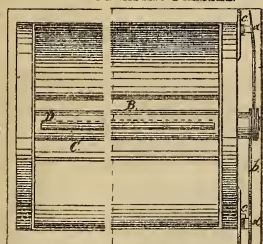
PROCESS OF TREATING VULCANIZED
RUBBER-THREAD WASTE

92,771. THOS. ADAMS. LAMP-BURNERS.



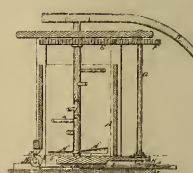
92,765. J. WALTON.

LITHOGRAPHIC PRESSES.

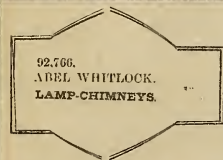


92,772. JOHN AHEARN. PLANT

PROTECTOR ATTACHMENT TO PLOWS.

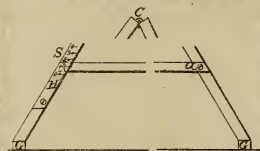
92,778. S. W. BENNETT.
BRICK-MACHINE.

92,766.

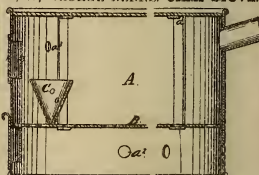
ABEL WHITLOCK.
LAMP-CHIMNEYS.

92,773. F. A. ARCHIBALD

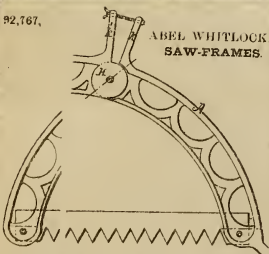
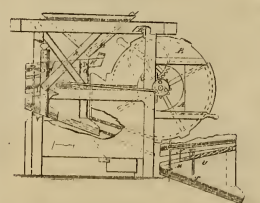
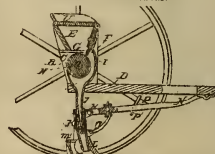
LAND-LEVEL AND MEASURE.

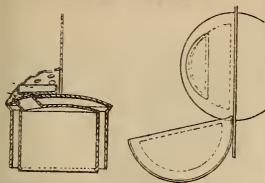
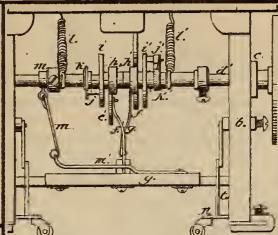
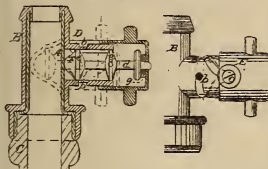


92,779. GEORGE BENNS. CAMP-STOVE.

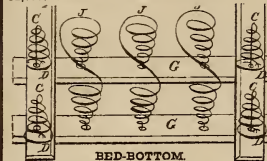
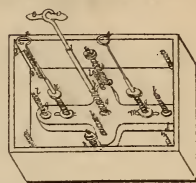
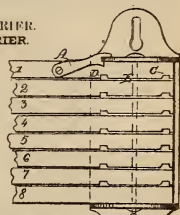


92,767.

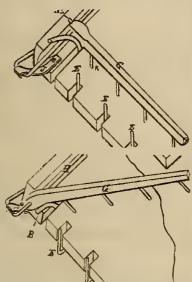
ABEL WHITLOCK.
SAW-FRAMES.92,774. JOSHUA ASHTON.
FANNING-MILLS.92,780. H. C. BESHLE.
CORN-PLANTERS.92,768. WILLIAM WORLEY.
IMPLEMENT.

92,781. HENTLEY C. MBB.
FIRE-PLACE HEATER.92,782. D. L. BOLLERMAN.
R. BOLLERMAN.
CLOSING BOTTLES AND PIPES.

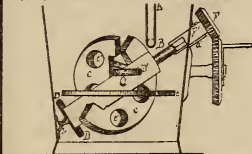
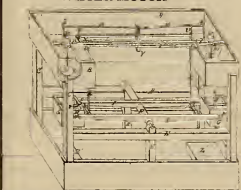
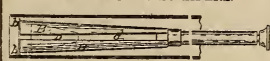
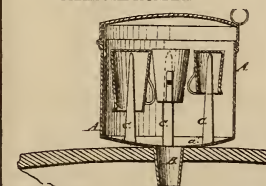
92,787. CHARLES BRADWAY.

92,793. D. P. BUTLER.
SPRING LIFTING-APPARATUS92,794.
CYRUS CARRIER.
CLOTHES-DRIER.

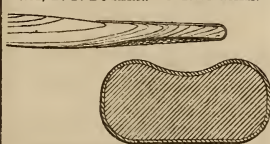
92,783.

J. B. HOWEN.
CHARLES A. WHELAN.
CLEANTHUS A. REED.
HARVESTER-RAKES.

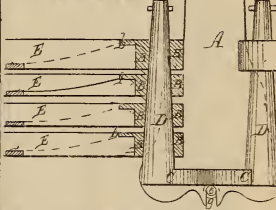
92,788. WM. W. BRIGGS. CHURNS.

92,789. S. W. BROADWELL.
WATER-MOTOR92,790. LESTER B. BROWN.
BOILER-FLUE SCRAPERS.92,791. GEORGE W. BURWELL.
MEASURE-HOLDER.

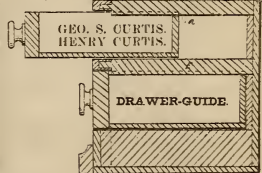
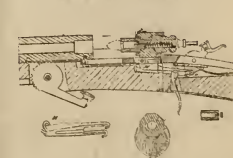
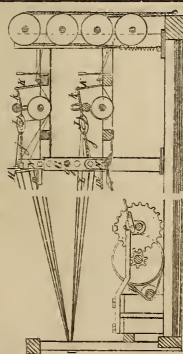
92,792. D. P. BUTLER. LIFTING-BARS.

92,795. JULES JOSEPH CHAUDUN.
METALLIC CARTRIDGES.

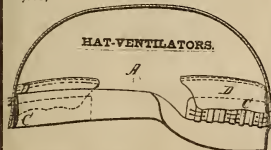
92,796. H. CLARKE. DOOR-LOCKS.

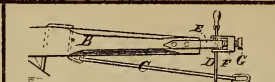
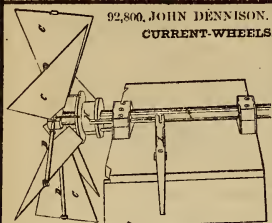
92,797. EDWARD P. CLARK.
"CLOTHES-DRIER"

92,798.

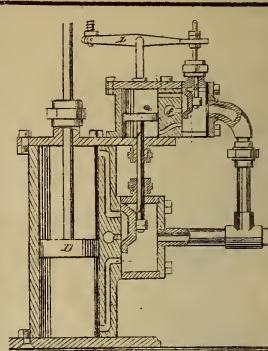
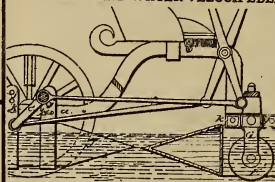
92,799. LS. T. DELASSIZE.
BREECH-LOADERS.92,784. WILLIAM H. BOYDEN.
DRESSING WARP-THREADS.

92,785. T. W. BEACHER.

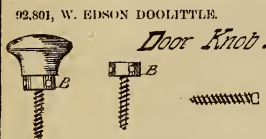
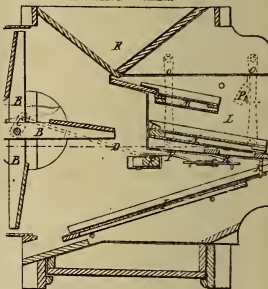
92,786. JOHN A. BRADSHAW.
WM. H. BROWN.
DARIUS WHITTED.
DRIVING SEWING-MACHINES



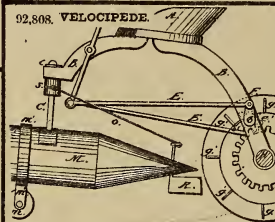
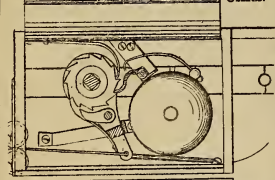
92,807, DAVID J. FARMER.
LAND AND WATER VELOCIPEDE.



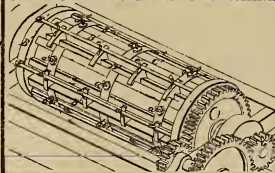
92,814, SAMUEL FOSTER,
FANNING-MILLS.



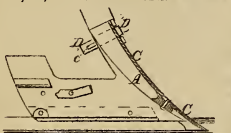
92,802, W. H. ECKERT, J. A. BLACK.
STATION-INDICATOR FOR RAILROAD
CARS.



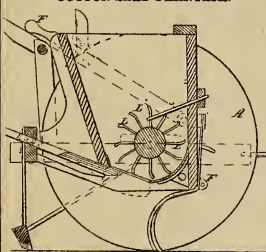
92,809, JOHN FERGUSON.
GRAIN-CLEANER AND SMUT-MACHINE



92,803, A. N. EDWARDS. PLOWS.



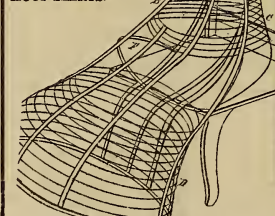
92,804, J. M. ELLIOTT.
COTTON-SEED PLANTERS.



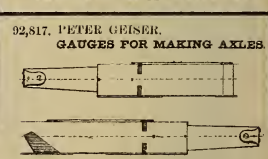
92,810, RANDALL FISH.
IMPROVED FERTILIZER.



92,811,
EDWARD FLEISCHER.
HOOP-SKIRTS.



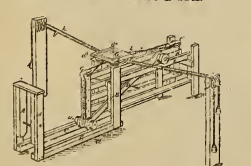
92,816, ISAAC M. GATTMAN.
MANUFACTURE OF WHITE LEAD.



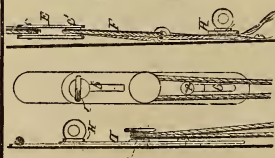
92,817, PETER GEISER.
GAUGES FOR MAKING AXLES.



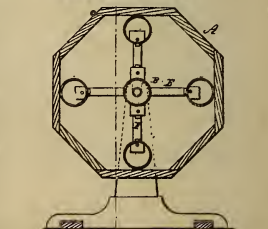
92,805, THOMAS ELLISON.
SLIDING FARM-GATE.



92,812, J. W. FOARD.
CURTAIN-FIXTURE.



92,818, ROBERT GLORE.
DRESSING FEATHERS

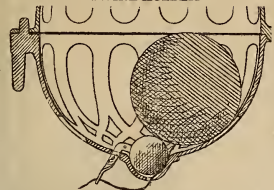


92,806, PHILLIP FALKER.
PLOWS.

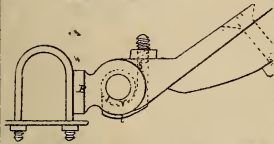
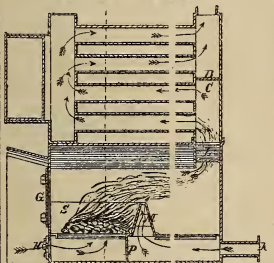
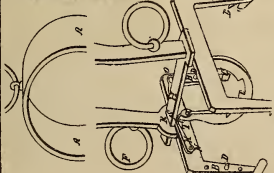


92,813, I. N. FORRESTER.
VALVE-GEAR FOR ACTUATING
STEAM AND OTHER ENGINERY.

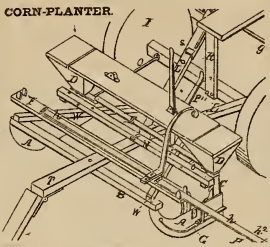
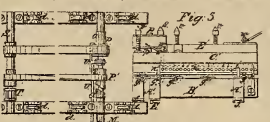


92,819, ALBERT J. GOODRICH.
TWINE-HOLDER.

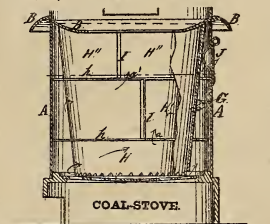
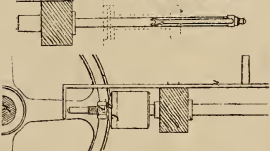
92,820, JOHN P. HAINES. OIL-CUPS.

92,821, B. F. HARRISON.
THRILL-COUPLING.92,822, ORANGE N. HART.
HOT-AIR FURNACE.92,823, DANIEL HARWOOD.
ANIMAL-TRAP.

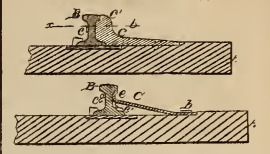
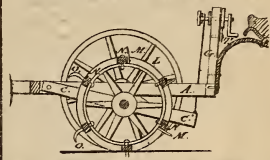
92,824, M. C. HEPTINSTALL.

J. E. HIGGINS.
CHARLES MERRIAM.
CURTIS O. LUCE.
HAND-STAMPS.92,826, ALBERT HODGSON.
EDWIN HODGSON.
CORN-PLANTER.92,827, T. S. HOWARD.
CUTTING STONE AND MARBLE.92,828,
NATHAN HUNT.
HEAD-BLOCK

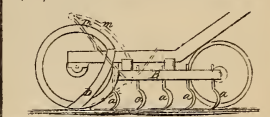
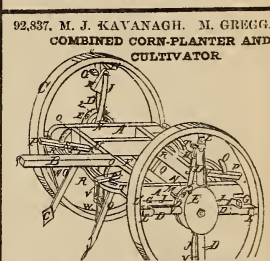
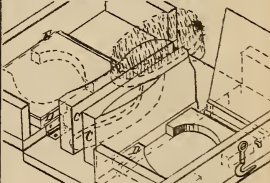
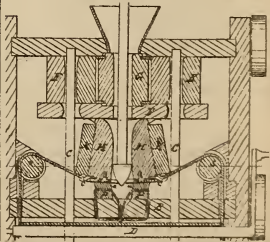
92,829, GEORGE A. HUNTLEY.

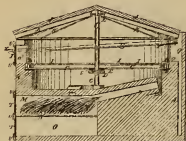
92,830, F. DE BRUYN. E. HURET.
DEVICE FOR STOPPING THE
REVOLUTION OF SPINDLES IN SPIN-
NING-MACHINES.

92,831, GUSTAV L. JAEGER.

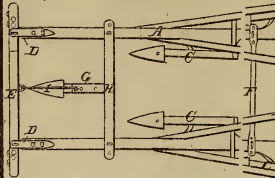
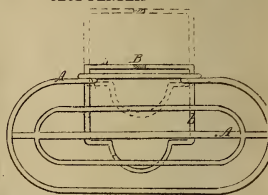
92,832, GEORGE HENRY JAMES.
JOSIAH JAMES.
CARD-CASES.92,833, G. E. JARVIS.
RAILWAY-RAIL JOINT.92,834, JAMES G. JOHNSON.
CULTIVATOR AND STALK-CUTTER

92,835, C. H. JOHNSON. CULTIVATOR.

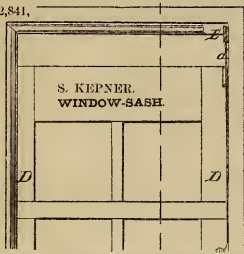
92,836, JOHN ROBT. JOHNSON.
PHOTOGRAPHIC PICTURES92,838, LAWSON P. KEACH.
BLACKING-CABINET.92,839, ORSON KELSEY.
RAILWAY-CAR COUPLING.

92,840, D. A. KENNEDY.
ROTARY OVENS.

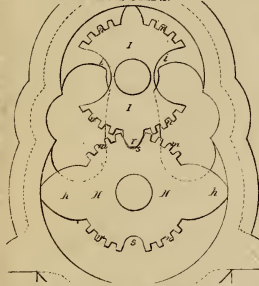
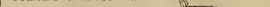
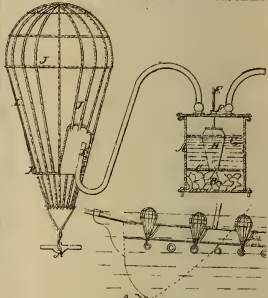
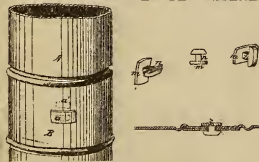
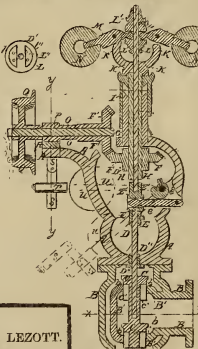
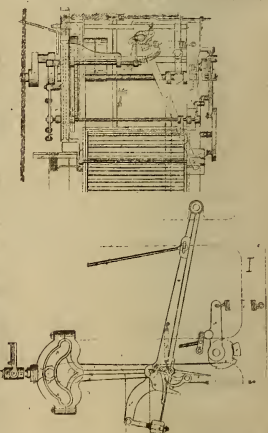
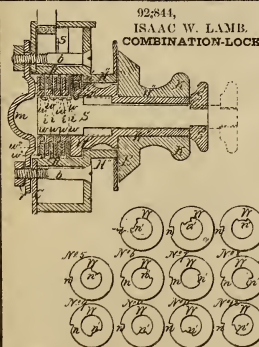
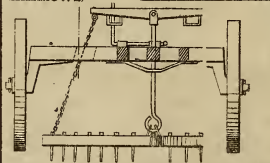
92,845, WM. M. LANIHAN. PLOWS.

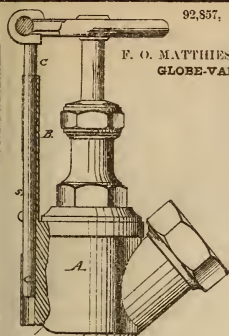
92,851, WILLIAM E. LOCKWOOD.
FABRIC WHEREOF TO MAKE COLLARS,
CUFFS, BOSOMS, AND OTHER ARTI-
CLES OF WEARING-APPAREL.92,852, JAMES W. LOVELESS.
CLOD-FENDER

92,841,

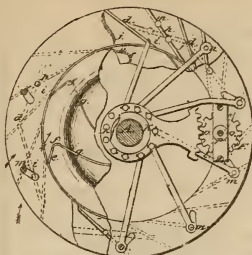
S. KEPNER.
WINDOW-SASH.

92,846, HENRY A. LANMAN. SAWS.

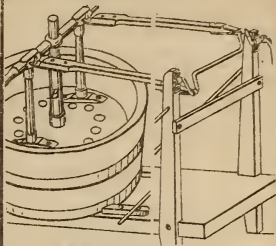
92,853, WM. A. LUDDEN.
PENCIL-CASES.92,842, A. H. KNAPP.
ROTARY PUMPS.92,847,
ELEVATORS
JAMES S. LESTER.92,854, SAMUEL WILLIAM MAQUAY.
RAISING SUNKEN VESSELS.92,843, ISAAC W. LAMB.
STOVE-PIPE FASTENER.92,848,
JOSEPH E. LETELLIER.
STEAM-ENGINE GOVERNOR.92,855, FÉLIX F. N. MARAIS.
WASHING AND CLEANSING-FLUID.92,856, JOHN MARSDEN.
LOOM FOR WEAVING CARPETS.92,844,
ISAAC W. LAMB.
COMBINATION-LOCKS.92,849,
HENRY C. LEZOTT.
HARROWS.92,850, EDWARD A. LOCKE.
A WILLIAM N. WEEDEN.
PAPER-COLLAR BOX.



92,857,
F. O. MATTHIESSEN.
GLOBE-VALVES.

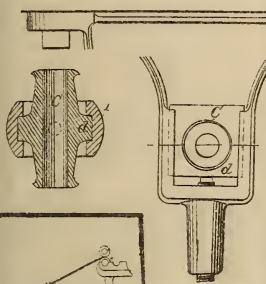


92,863.
S. T. MERRILL.
ARTICLE OF
STRAW-BOARD.

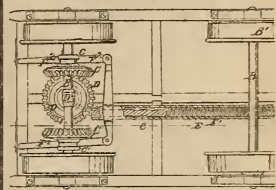
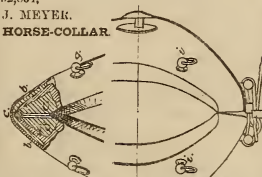


92,869, DAVID M. MOORE.
CAR-BRAKE AND STARTER

92,858, F. M. MAYO.
HANGERS FOR SHEAFING.

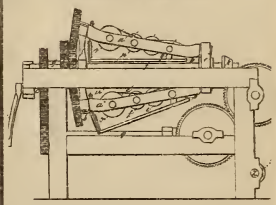
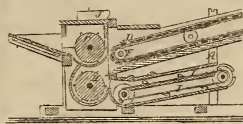


92,864,
J. MEYER.
HORSE-COLLAR.



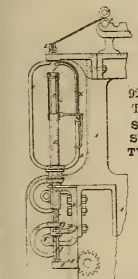
92,870, CHAS. H. MORGAN.
MAKING WIRE ROPE.

92,865, THRESHING AND HULLING
CLOVER-SEED. ZEPHANIAH MILLER.

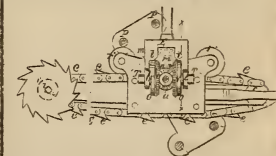
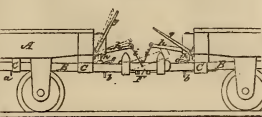


92,871, DAVID MORRIS.
MINING-MACHINE.

92,859,
THOMAS MAYOR.
SPEEDERS FOR
SPINNING AND
TWISTING ROVING.



92,866, ISAAC N. MITCHELL.
CAR-COUPLING.

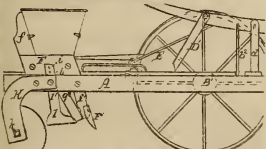


92,872, CHAS. A. MORTON.
OILERS FOR MACHINERY.

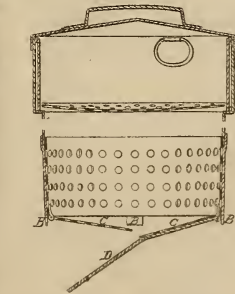
92,860, WM. S. MCKINNEY.
SHAFT-COUPLING.



92,861, WILLIAM McLUCAS.
CORN-PLANTERS.

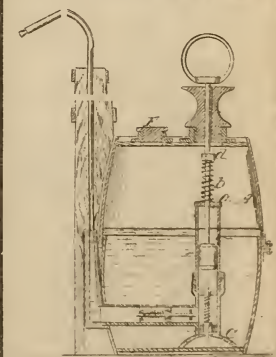


92,867, OTIS M. MITCHELL.
CULINARY VESSEL.

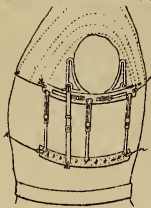


92,862, FERDINAND MEHRMANN.
WATER-WHEELS.

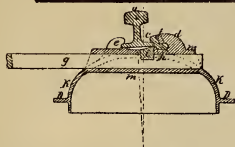
92,868, OTIS M. MITCHELL.
WASHING-MACHINES.



92,873. FR. MUELLER. H. KOELLER.
TAILORS' MEASURING-APPARATUS.



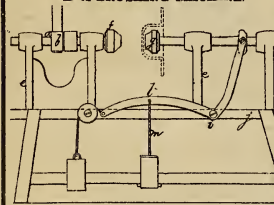
92,874. RAILWAYS.
W. J. COCKBURN MUR.



92,875. BYRON W. NICHOLS.
COMPOSITION OF MATTER TO BE
USED IN THE PROCESS OF
RESTORING STEEL.

92,876. BYRON W. NICHOLS.
CONVERTING ARTICLES OF
CAST-IRON INTO STEEL.

92,877. JOHN D. PARSONS.
HAT-BRUSHING MACHINE.



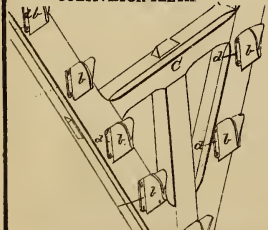
92,878. BYRON PAETELLO.
BED-BOTTOM



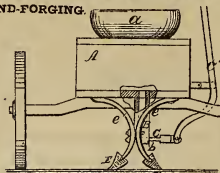
92,879. CHARLES B. PAYNE.
CHECK-HOOK.



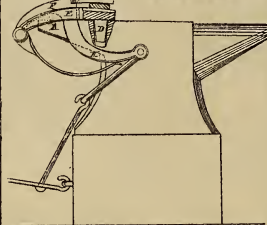
92,880. E. B. PRATT.
CULTIVATOR-TEETH



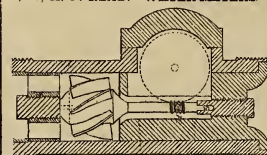
92,881. N. P. QUICK.
SMITHS' ANVIL-CLAMP FOR HOLDING
TIRES WHILE BEING UPSET BY
HAND-FORGING.



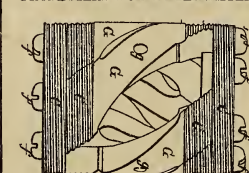
92,882. JONATHAN RADER.
CORN-PLANTER.



92,883. H. F. READ. WATER-METERS

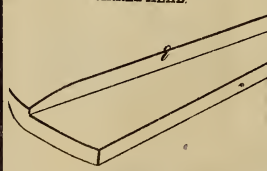


92,884. H. F. READ. MOULDING
PROPELLERS FOR WATER-METERS.

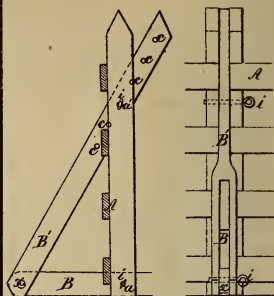


92,885.

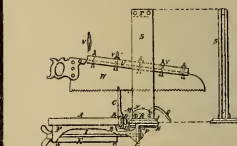
GEORGE RIGHTER.
BARREL-HEAD.



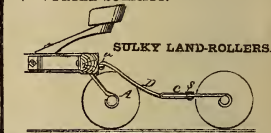
92,886. JOHN RIORDAN.
FENCE



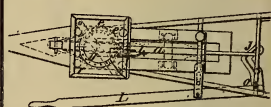
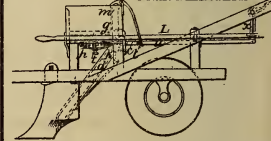
92,887. MARVIN OWEN ROYCE.
MITRE-BOX



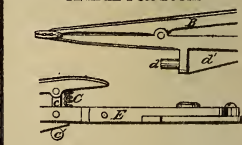
92,888. PETER SCHMITT.



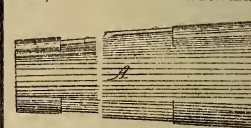
92,889. AMOS SHELLABARGER.
CORN-PLANTERS.



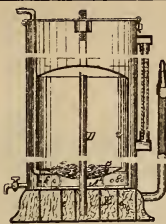
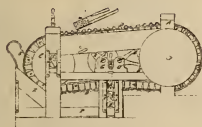
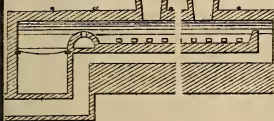
92,890. JOSEPH SIMPSON.
TEMPLE FOR LOOM.



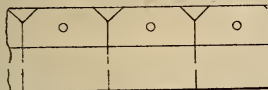
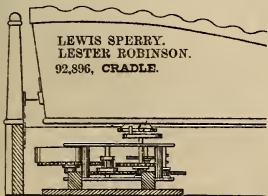
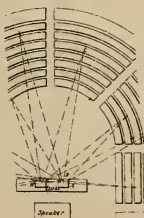
92,891. S. W. SLOCUMB. WAGON-AXLE



92.892.

BYRON SLOPER.
GENERATOR AND CARBURETER.92.893. CHARLES D. SMITH.
CRE-CONCENTRATOR AND ENDLESS
SLUCE-BLANKET.92.894. GEORGE HAND SMITH.
MANUFACTURE OF WROUGHT-IRON
AND STEEL DIRECT FROM
THE ORE.

92.895. T. J. SOUTHWORTH. TAGS.

LEWIS SPERRY.
LESTER ROBINSON.
92.896. CRADLE.92.897. WM. M. SPRINGER.
LEGISLATIVE VOTING APPARATUS.

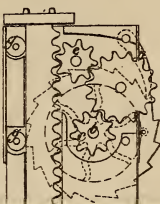
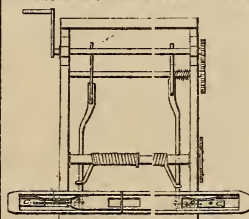
92.898.

HENRY STEM.
FLOWS.

92.899.

JACOB STEUER.

CARRIAGE-JACK

92.900. ENOCH P. TERREL.
PICKING-STAFF IN LOOMS.
MECHANISM FOR OPERATING THE

92.901.

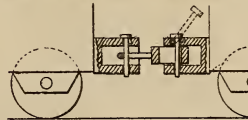
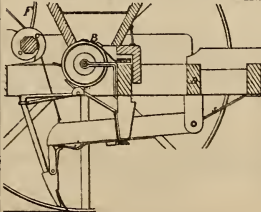
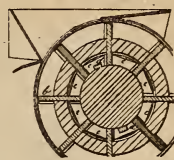
MACKLOT THOMPSON.

IMPROVEMENT IN
MASHING GRAIN FOR DISTILLATION.

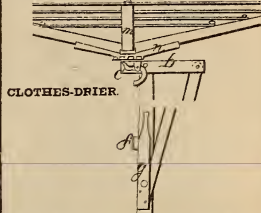
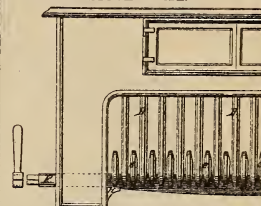
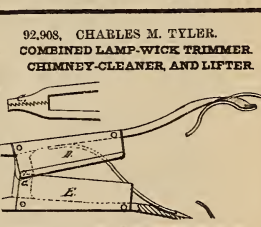
92.902.

W. C. TILTON.

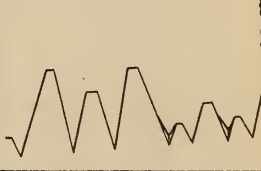
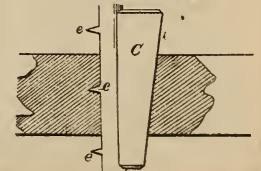
IMPROVED RAILWAY-CAR COUPLING.

92.903. GILES A. TITUS.
SOWING AND DRILLING GRAIN.92.904.
GILES A. TITUS.
DISTRIBUTOR FOR
SOWING
AND DRILLING GRAIN.

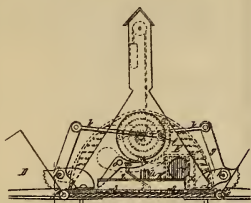
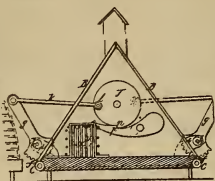
92.905. LEWIS A. TOWNE.

92.906. CHARLES TRUESDALE.
STOVE-GRATE.92.907. CHARLES L. TUCKER.
MANUFACTURE OF CHIPPED BEEF.92.908. CHARLES M. TYLER.
COMBINED LAMP-WICK TRIMMER.
CHIMNEY-CLEANER, AND LIFTER.

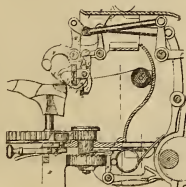
92.909. JOHN P. TYLER. SAWS.

92.910. BENJAMIN VAN BRAEKLIN.
CULTIVATOR-TEETH

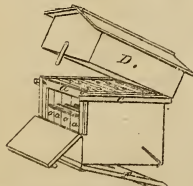
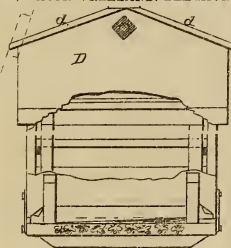
92,911.
THOMAS B. VAN PELT.
ANIMAL-TRAP.



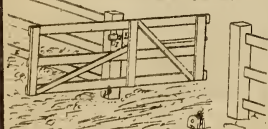
92,912. SEWING-MACHINE FOR SEWING
TURNED SHOES. FRIEDR. VETTER.



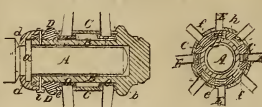
92,913. SIMON VREELAND. BEE-HIVES.



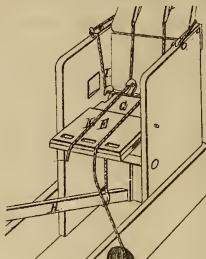
92,914. SIMON VREELAND.
FARM-GATES.



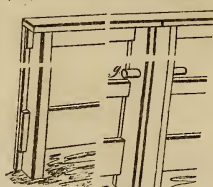
92,915. SIMON VREELAND.
CARRIAGE-WHEELS.



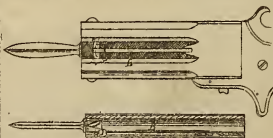
92,916. JAMES WALTON.
FLEECE-BUNDLING APPARATUS.



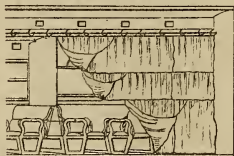
92,917. J. L. WELLINGTON. FENCE.



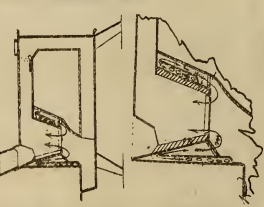
92,918. FRANKLIN WESSON.
COMBINED PISTOL AND DIRK.



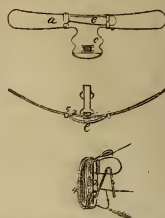
92,919. M. ALLISON WHEELER.
SLEEPING-CAR.



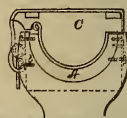
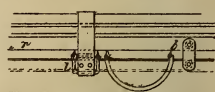
92,920. JOSEPH B. WILKINSON.
COOKING-STOVE.



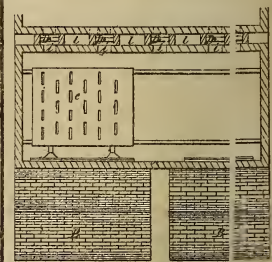
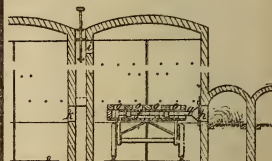
92,921. ELIAS WOODWARD.
NECKTIES AND BOWS.



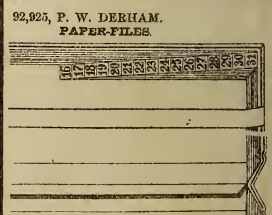
92,922.
JOHN N. WOOLWIN.
TINNERS' GUTTER-TROUGH.



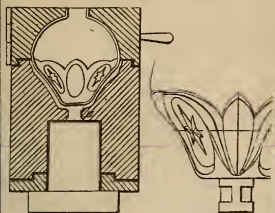
92,923. ALFRED J. WORKS.
BRICK-KILN.



92,924. WILLIAM K. WYCKOFF.
COMPOUND OIL FOR COATING
LEATHER AND METALS.



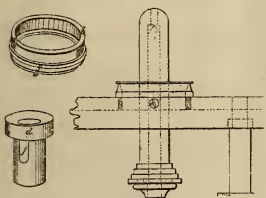
3,555. J. S. ATTERBURY.
T. B. ATTERBURY.
HOLLOW GLASS-WARE.



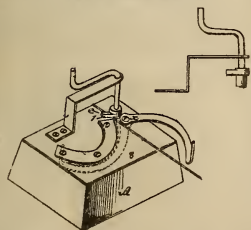
3,556.
J. S. ATTERBURY.
T. B. ATTERBURY.
HOLLOW GLASS-WARE.



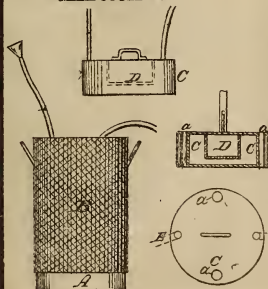
3,557. JOHN BIRKENHEAD.
RING FOR SPINNING.



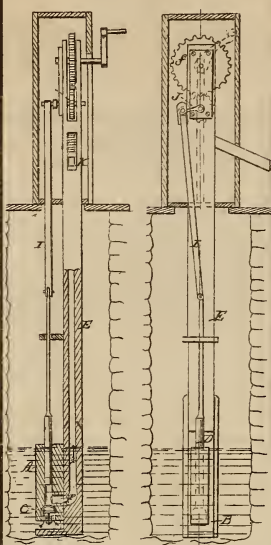
3,558. COLUMBUS COLEMAN.
RAKE-TOOTH BENDER.



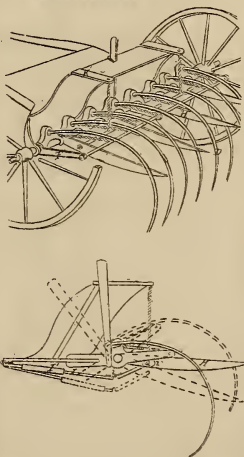
3,559. LEWIS T. HAWLEY.
MILK-COOLERS.



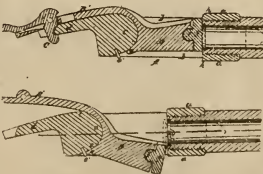
3,560. D. P. HENRY.
PUMPS.



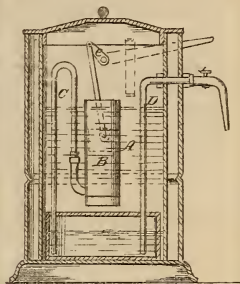
3,561. ADAM R. REESE.
HORSE-RAKES.



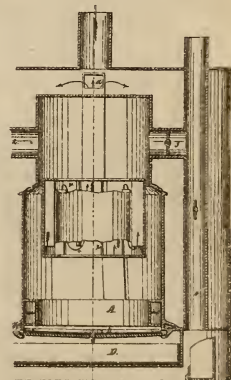
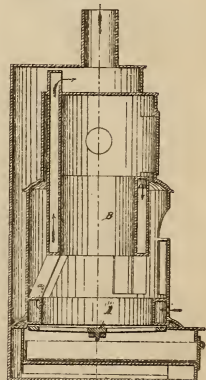
3,562. B. S. ROBERTS.
BREECH-LOADING FIRE-ARMS.



3,563. E. C. THOMPSON.
SODA-FOUNTAINS.



3,564.
R. B. VARDEN.
COAL-STOVE.



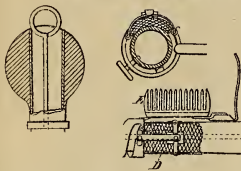
ILLUSTRATIONS OF PATENTS

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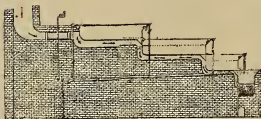
THE UNITED STATES PATENT OFFICE,

JULY 27, 1869.

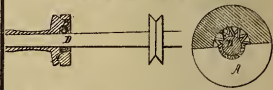
92,926, MRS. MARCIA ADKINS.
HAIR-CURLING APPARATUS.



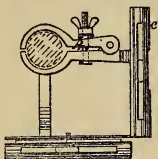
92,932, MARTIAL BONNIN.
CHS. ESCUDIER.
SUGAR-BOILING APPARATUS.



92,940, JOHN H. CROWELL.
BOBBINS FOR SPINNING



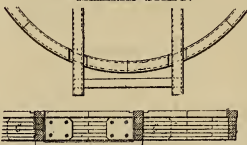
92,927, ARTHUR AMORY.
BORING-INSTRUMENTS
GUIDE-ATTACHMENT FOR



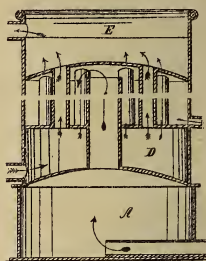
92,933, JOHN W. BOWERS.
MANUFACTURE OF BRAID.

92,934, EDWIN D. BRAINARD.
PRESERVING THE AROMATIC
PRINCIPLE OF HOPS.

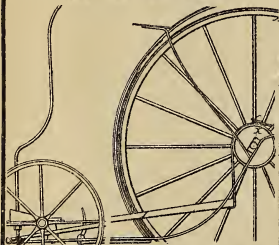
92,935, POTTO BROWN.
BATEMAN BROWN.
MILLERS' STAFF.



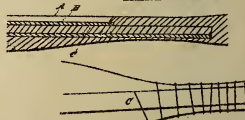
92,941, T. J. DEAN.
CONDENSER FOR STILLS



92,928, SOLOMON ANDREWS.
IMPROVED VELOCIFEDE.



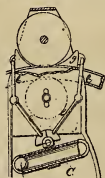
92,942, W. U. DUDLEY.
HAND-MIRROR.



J. B. BAKER CARPET-SWEEPERS

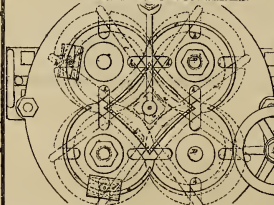


92,936,
GEORGE BROWNLEE.
PEDECYCLE

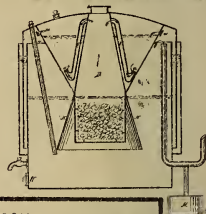


92,937, THOMAS J. BUTCHER.
MEDICAL COMPOUND.

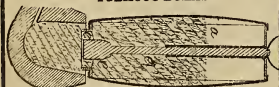
92,938, JAMES D. BUTLER.
BRAIDING-MACHINES.



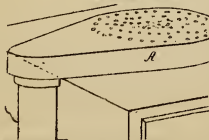
92,943, CLEVELAND F. DUNDERDALE.
MACHINE FOR GENERATING
AND CARBURETTING GAS



92,930, GEO. H. BLISS.
TOBACCO-BOXES.



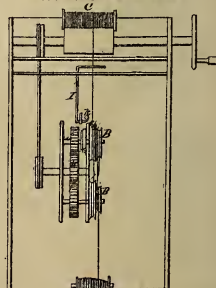
92,931, A. L. BOGAET.
GAS-HEATERS.



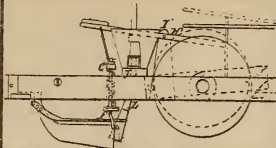
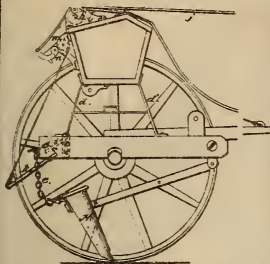
92,939, WM. F. COLLIER.
CORN-POPPERS.



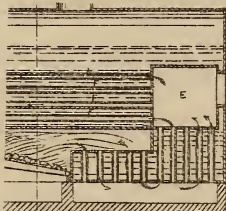
92,944, P. DUNHAM.
WINDING MACHINES.



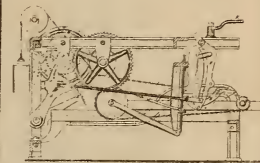
92,945. **GRAIN-DRILLS.**
JOSEPHUS EASTERDAY.
J. B. CROWELL.



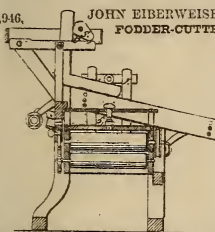
92,952. **STEAM-GENERATORS.**
CHAS. H. FRANKLIN, JR.



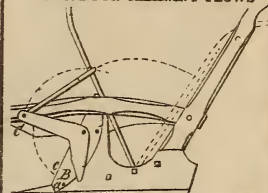
92,958. **C. J. GREENE.**
MULES FOR SPINNING.



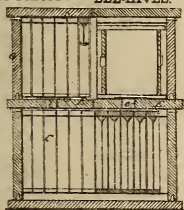
92,946. **JOHN EIBERWEISER.**
FODDER-CUTTER.



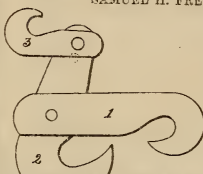
92,959. **RICHARD GROOM.**
DEVICE FOR CLEANING PLOWS.



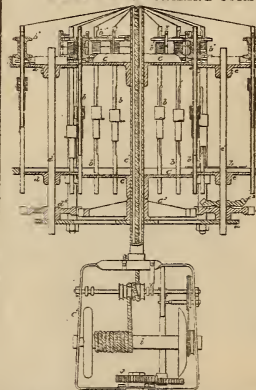
92,947. **HIRAM FILSON.** **BEE-HIVES.**



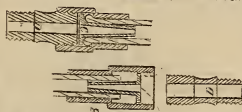
92,953. **THREE-HORSE CLEVIS.**
SAMUEL H. FREDERICK.



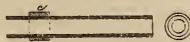
92,960. **WILLIAM GUEST.**
MACHINE FOR MAKING CORD.



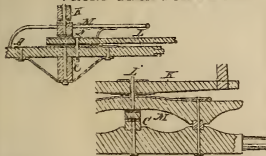
92,954. **J. H. GEORGE.**
HOSE-COUPLING.



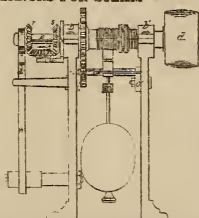
92,955. **MATCH-SAFE.** JOHN GIBBS.



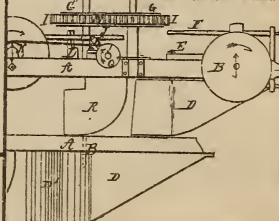
92,948. **A. FINLEY.**
FRONT GEAR FOR WAGONS.



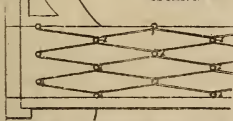
92,956. **THOMAS GILL.**
GOVERNORS FOR STEAM ENGINES.



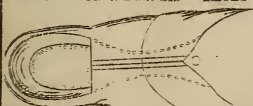
92,961. **JOHN H. HOLBERT.**
HEDGE-SETTERS.



92,949. **JEREMIAH FISK.**
SPRING-BED.

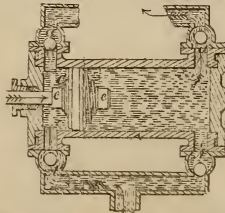


92,950. **WM. S. FOSTER.** **SHOES.**



92,951. **DANIEL D. FRANKLIN.**
CORN AND SEED-PLANTERS.

92,957. **ROSCOE J. GOULD.**
STEAM-PUMPING ENGINES.

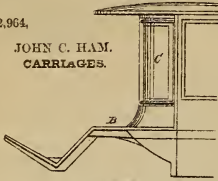


92,962. **JAMES P HALL.**
**COMPOUND FOR CUTTING
AND POLISHING**

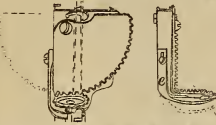
92,963. **ISRAEL C. HALL.**
WHIFFLETREES.



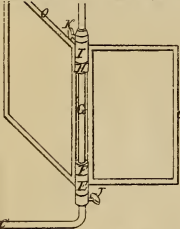
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JOHN C. HAM.
CARRIAGES.

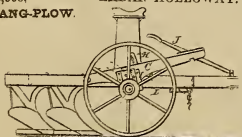
92,965.

ALEXANDER HARROUN, JR.
SEWING-MACHINE FOR
WORKING BUTTON-HOLES.

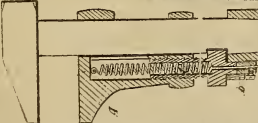
92,966.

OTTO HENNIG.
STREET-REFLECTORS FOR WINDOWS.BENJ. B. HILL. 92,967,
JOHN R. HILL. CORN-POPPER.

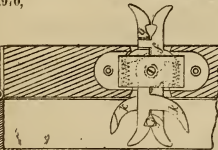
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LABAN HOLLOWAY.
GANG-FLOW.

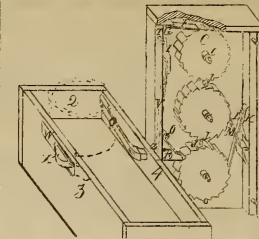
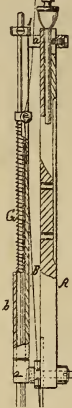
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HENRY A. HOUSE.
SCREW-WRENCH.

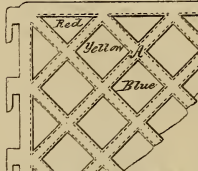
92,970.

LEONARD D. HOWARD.
SHUTTER-FASTENER.

92,971.

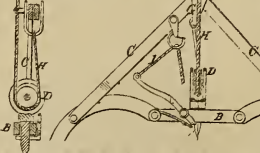
WM. C. HOWARD.
GRAIN-REGISTERS.THOMAS HUCKANS.
J. WESLEY CARHART. 92,972.
NEEDLE-PROTECTOR
FOR SEWING-MACHINES.92,973. JAMES IVES.
HARNESS-BUCKLE.

92,974.

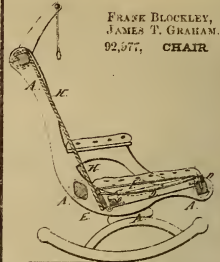
WILLIAM H. JACKSON.
BACK FOR FIRE-PLACES.

THOS. C. KELLY. HORSE HAY-FORKS.

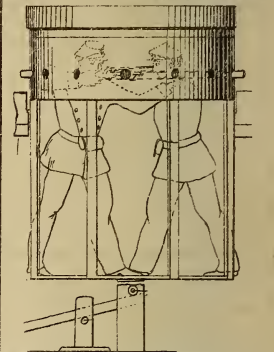
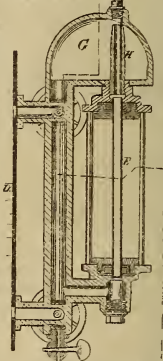
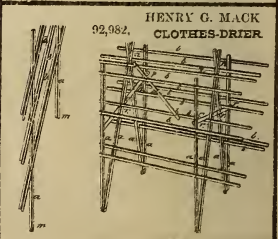
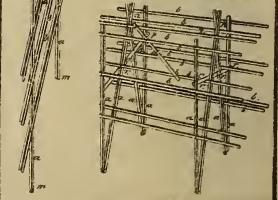
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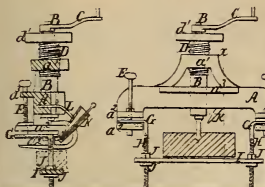
92,976. JOHN LAUER. VELOCIPEDS.

FRANK BLOCKLEY,
JAMES T. GRAHAM.
92,977. CHAIR.

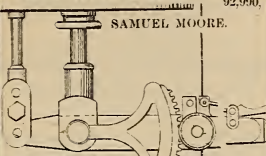
92,978.

JOHAN LINNEMANN.
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92,979.
WATER-GAUGES.GEORGE S. LOVELL.
MARY F. LOVELL.
92,980.
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DISEASED ORIFICES.WM. J. LYND EXTRACTING IRON AND
92,981. OTHER OXIDES FROM CLAY.HENRY G. MACK.
92,982. CLOTHES-DRIER.

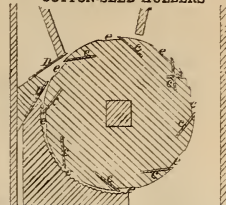
92,983,

WILLIAM C. MARR.
COMBINED DRILL AND
SAW-GUMMERHAY AND MANURE-FORKS
EDWIN MOORE. 92,989.

THROTTLE-VALVE GEAR

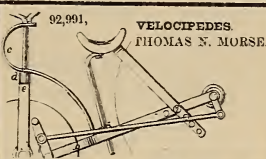
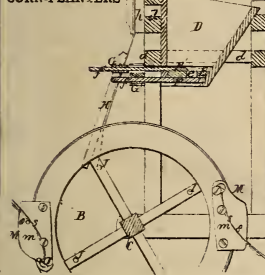


SAMUEL MOORE. 92,990.

GEORGE H. PEABODY.
COTTON-SEED BULLERS

92,997,

92,984,

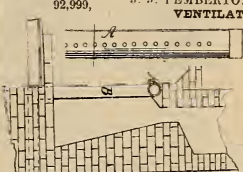
DANIEL McCULLOUGH.
CORN-PLANTERS

92,991,

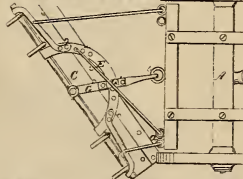
VELOCIPEDES.
THOMAS N. MORSE.WILSON NOBLE.
PLOWES.
92,992.

JOHN H. PEAKE. ZINCKING IRON

92,998.

J. J. PEMBERTON.
VENTILATOR

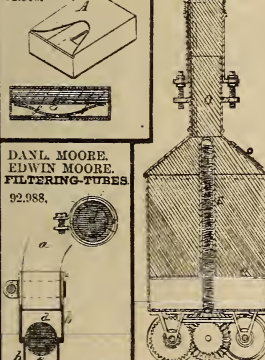
92,999,

TIMOTHY G. PHELPS. 93,000.
IMPROVED SCRAPER

92,985,

THOMAS McKINLEY.
PLASTERING-MACHINEGEO. V. METZEL.
CARD-CASES.

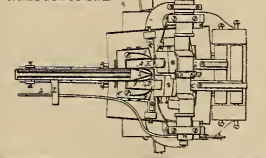
92,986.

DANL. MOORE.
EDWIN MOORE.
FILTERING-TUBES

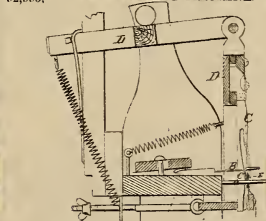
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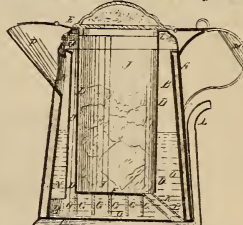
92,993,

GEORGE OAKLEY.
COMPOSITION FOR CURING CORNSGEO. OSBORN. 92,994.
NAIL-MACHINE.

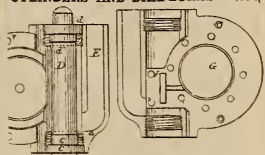
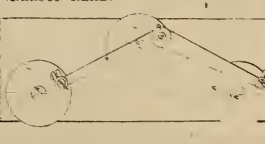
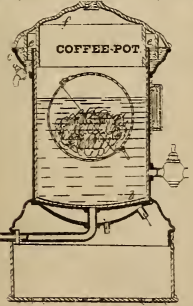
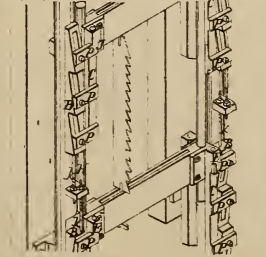
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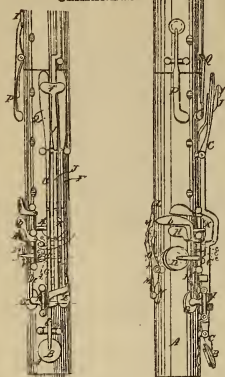
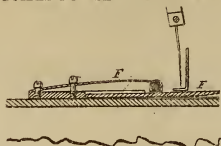
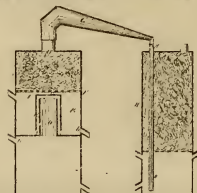
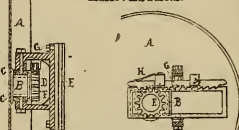
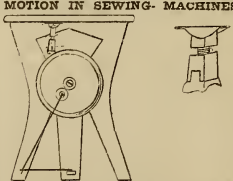
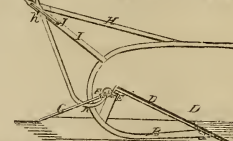
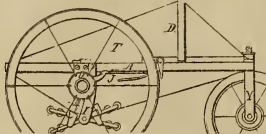
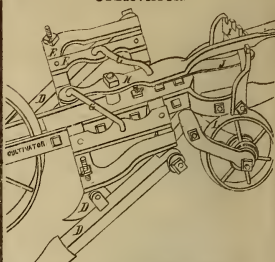
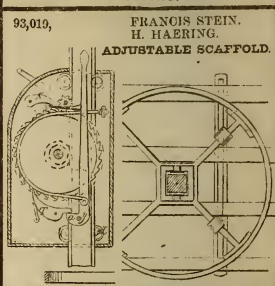
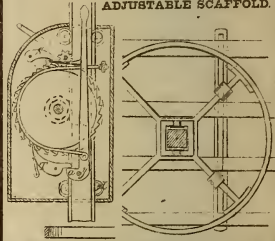
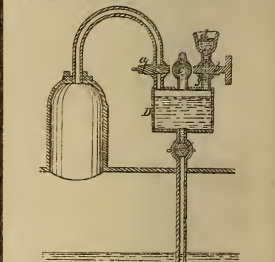
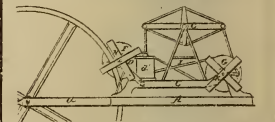
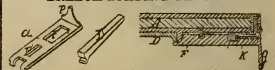
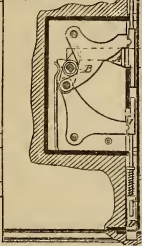
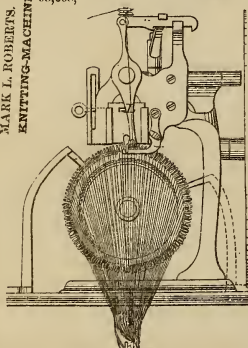
GEORGE OSBORNE.
LACE-MAKING MACHINE

93,001,

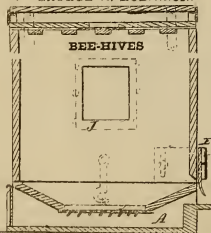
HERMAN PIETSCH.
PITCHER FOR COOLING LIQUIDS

93,002,

JOEL PUTNAM.
FINISHING SPLIT LEATHERH. F. READ. MOULDS FOR CASTING
CYLINDERS AND DIAL-BOXES 93,003.93,004. MECHANICAL MOVEMENT
NELSON READ.ELIE MONEUSE.
LOUIS DUPARQUET.
92,987.GUIDES FOR GANG-SAW GATES.
92,996. RICHARD A. PARSONS.

93,005 JACOB REBHUN
CLARINETS93,010, ANNA P. ROGERS
GUIDES FOR SEWING-MACHINE93,011, G. D. ROWELL
MOULD-BOARD AND COULTER93,012, FRANCIS SCHLEIFER.
MANUFACTURING VINEGAR.93,013, W. A. SHARPE.
HARVESTERS.93,014, WESLEY SHERMAN.
GILES BISHOP.
STOP FOR PREVENTING RETROGRADE
MOTION IN SEWING- MACHINES.93,015, JOHN SHERWOOD.
POTATO-DIGGER.93,016, DAVID R. SMITH.
VELOCIPEDE93,017, WALTER SMITH.
CULTIVATOR93,018, HIRAM STAPLES.
COMPOSITION FOR PAVEMENTS,
ROOFING, &c.93,019, FRANCOIS STEIN.
H. HAERING.
ADJUSTABLE SCAFFOLD.93,020, RICHD. STRAUBEL.
EYE-GLASSES.93,021, JOHN BLAKE TARR.
STEAM-GENERATOR FEED-DEVICES.93,022, CEBRA L. TAYLOR.
TOY-HOOP.93,023, GEO. H. TODD.
BRECH-LOADING FIRE-ARMS.93,006, E. L. ROBERTS.
IMPROVED BOLT.93,007, E. L. ROBERTS.
VENTILATING-APPARATUS.93,008, MARK L. ROBERTS.
KNITTING-MACHINE

93,009, GEORGE A. ROBINSON.



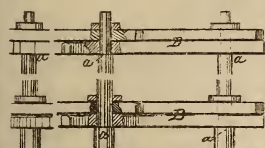
93,024. WM. R. WALKER.

FOUNTAIN-PENS.



ELIAS WERDEN. CLOTHES-RACK.

93,025,



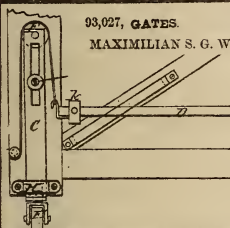
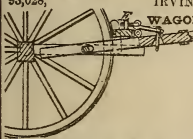
A. E. WHITMORE. SLIDING CALIPERS.

93,026,



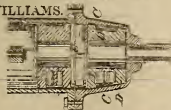
93,027, GATES.

MAXIMILIAN S. G. WILDE.

93,028, IRVIN WILLITS.
WAGON-BRAKE.DETACHABLE FOOT-VALVES
AND SEATS FOR PUMPS.

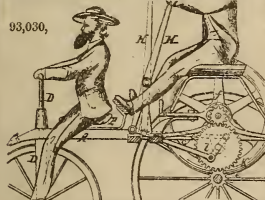
JOHN W. WILLIAMS.

93,029,



SIMON WORTMANN, VELOCEPEDES.

93,030,

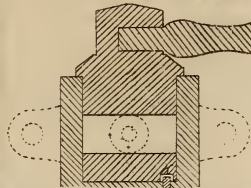
LORENZO ZIMMERMAN.
GRINDING EDGE-TOOLS.

93,031,

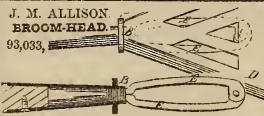
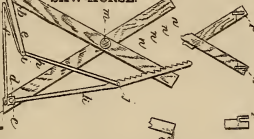
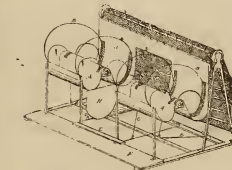
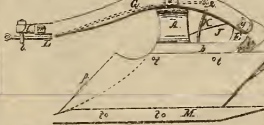


93,032,

JOHN L. AGNEW.

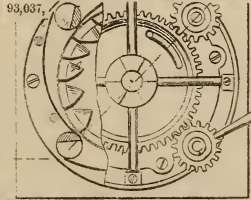
APPENDAGE TO BLAST-PIPES
OF BLAST-FURNACES.J. M. ALLISON.
BROOM-HEAD.

93,033,

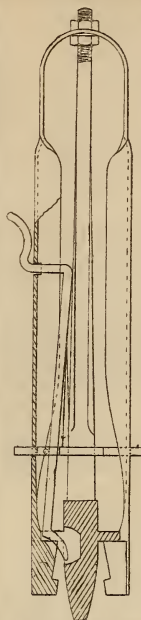
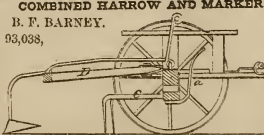
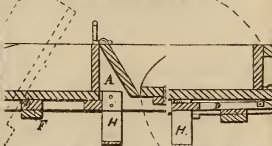
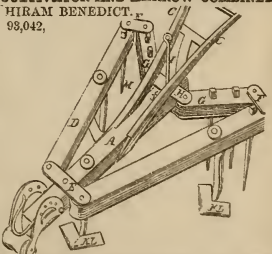
93,034, J. B. ANDREWS.
SAW-HORSE.93,035, JOHN EAKER.
GRAIN-BINDERS.93,036, JOHN BALL.
FLOWS.

S. H. BARNES. WATER-WHEELS.

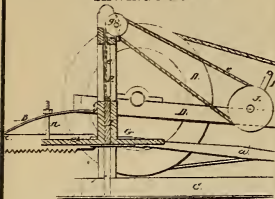
93,037,

COMBINED HARROW AND MARKER
B. F. BARNEY.

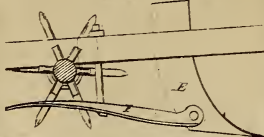
93,038,

TOOL FOR FORMING LIPS ON THE NECKS OF BOTTLES.
THOMAS BARRETT. 93,039,93,040, RUFUS E. BEAN.
DEVICE FOR SUSPENDING
PICTURE-FRAMES AND MIRRORS.93,041, UDNEY N. BEARDSLEY.
DUMPING-WAGONS.CULTIVATOR AND HARROW COMBINED
HIRAM BENEDICT.
93,042,

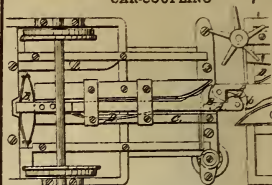
93,043, GEORGE W. BENSON,
FRANK F. DOLAND.
SAWING-MACHINE.



93,050, JOHN M. BURKE.
POTATO-DIGGER.

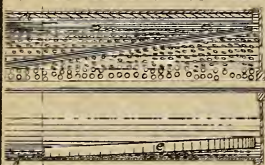


93,055, WILLIAM H. H. CLARK.
CAR-COUPLING.

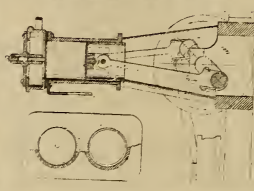


93,044, J. W. BRADY.
COMPOUND FOR DESTROYING INSECTS.

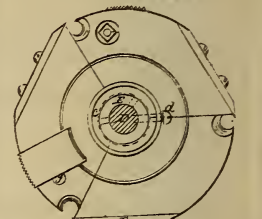
93,045, BENJAMIN BEST.
COFFEE-CLEANERS AND POLISHERS.



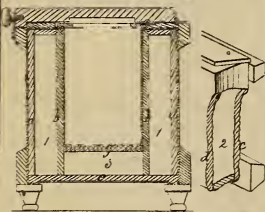
93,051, CHARLES BURLEIGH.
STEAM AND AIR-ENGINE.



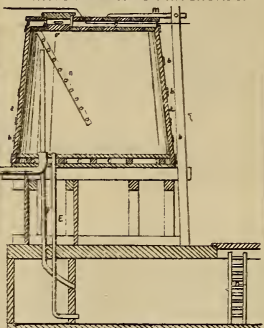
93,056, MILTON W. CLARK.
CUTTER-HEADS.



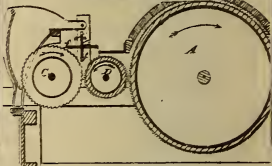
93,046, EDWIN D. BRAINARD.
REFRIGERATORS.



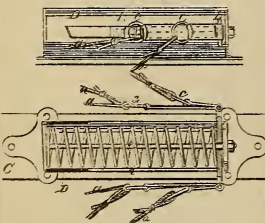
93,052, JOHN BURNHAM.
WATER-TANKS FOR RAILROADS.



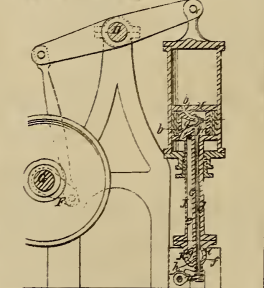
93,057, LEWIS T. CLEMENT.
CLEANING COTTON.



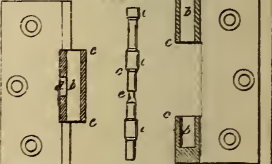
93,047, BENJ. F. BREWSTER.
BITTING-HARNESSES.



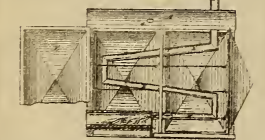
93,053, W. H. CARR.
STEAM-ENGINES.



93,058, CALVIN COLE.
HIDGE.



93,048, JOSHUA W. BROOKS.
HENRY RUDOFF.
FRUIT-DRIER.



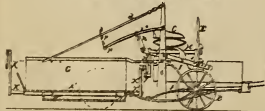
93,059, JAMES A. COLE.
CAR-BRAKE AND STARTER.
FIG. 2.



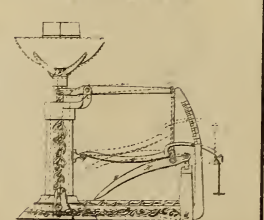
EZRA COLEMAN.
COLLECTING GOLD AND SILVER
93,060, SLUCE AND BLANKET FOR



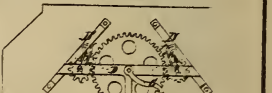
93,049, FRANCIS M. BUCKLES.
HARVESTER-RAKES.

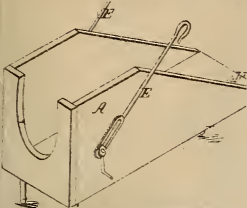
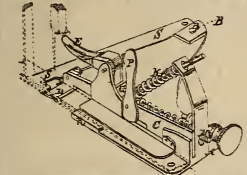
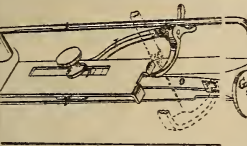
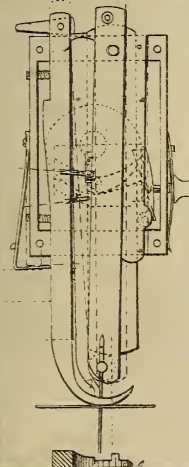
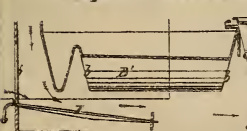
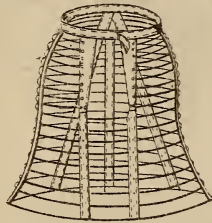


93,054, GEO. W. CHANDLER.
BALANCE-SCALES.

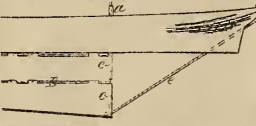
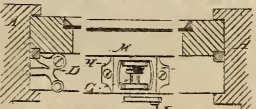


93,061, JOHN A. COZAD.
CHURNS.

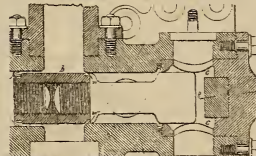
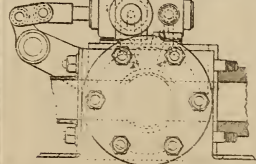
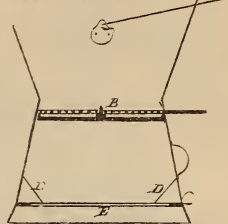
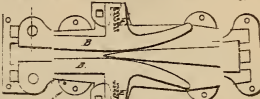


93,062, E. D. CRAWFORD.
SHEEP-TAGGING BOX.93,063, JOB A. DAVIS.
GATHERING-ATTACHMENT
FOR SEWING-MACHINES.93,064, TUCK-CREASING ATTACHMENT
FOR SEWING-MACHINES.
JOB A. DAVIS.93,065, JOB A. DAVIS.
SEWING-MACHINE.93,066, J. A. DAVIS.
APPARATUS AND PROCESS FOR
THE MANUFACTURE OF SALT.93,067, D. P. DAVIS.
CARRIAGE-WHEELS.93,068, FRANCIS E. DAV.
COVERED CLASPS FOR HOOP-SKIRTS.

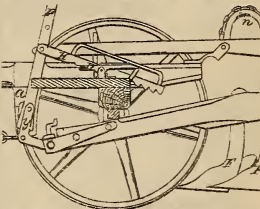
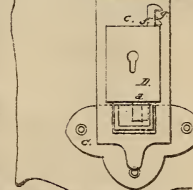
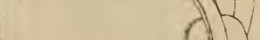
93,069, DUMPING-CARTS. FRED. DENGLER.

JONATHAN DILLON. 93,070,
CENTRE-BOARDS FOR VESSELS.

93,071, SASH-HOLDER J. S. ELKINS.

93,072, LEVI S. FALES.
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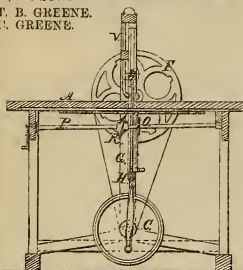
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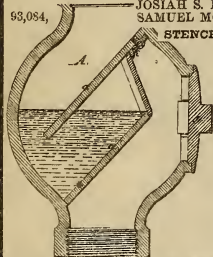
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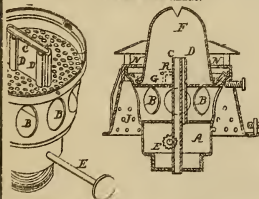
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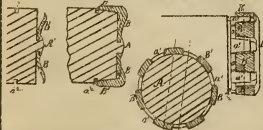
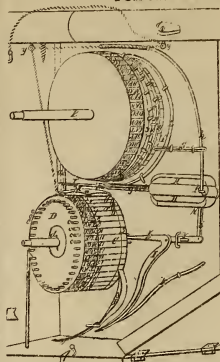
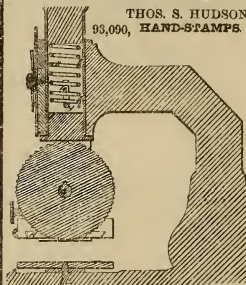
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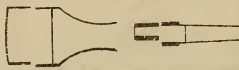
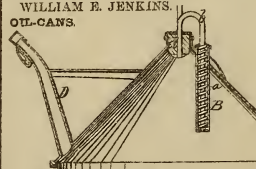
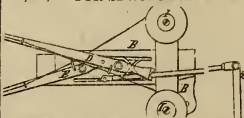
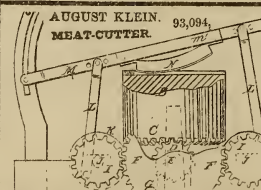
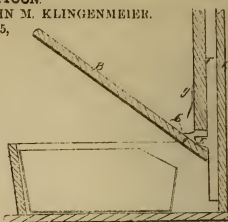
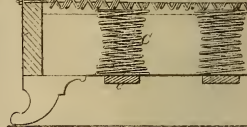
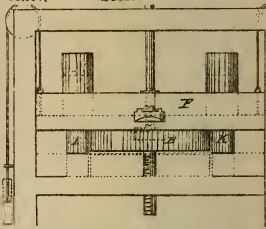
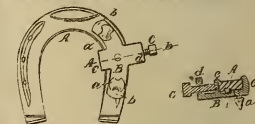
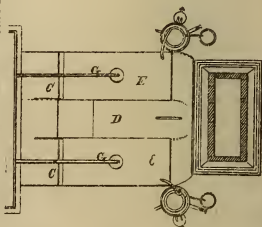
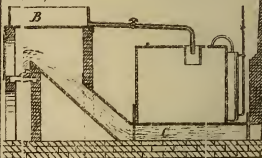
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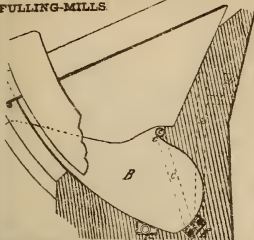
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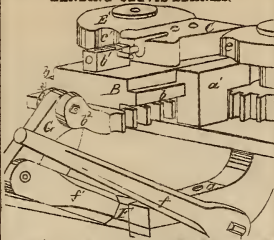
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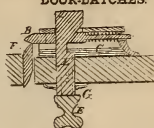
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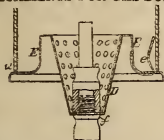
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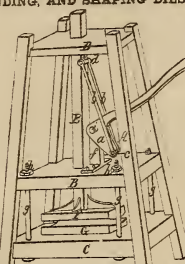
93,112. JACOB MOSER.
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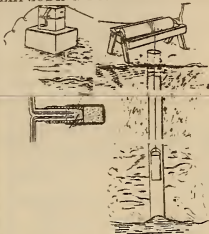
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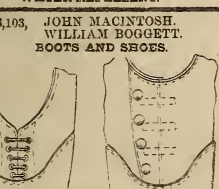
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93,113. G. W. MOWBRAY.
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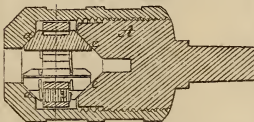
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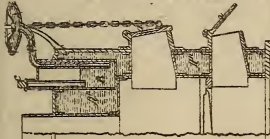
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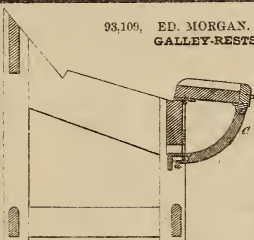
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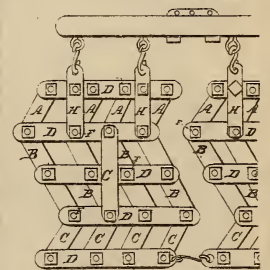
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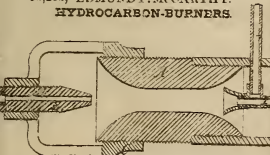
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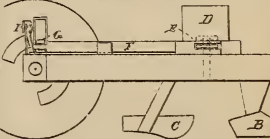
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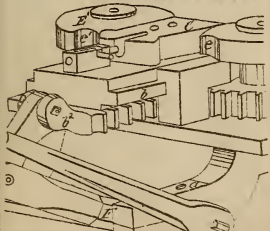
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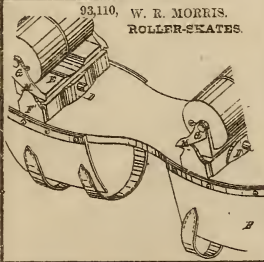
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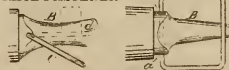
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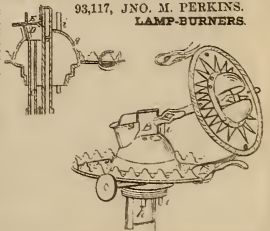
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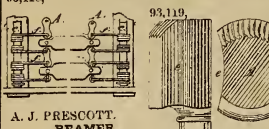


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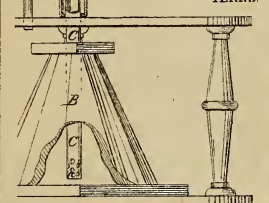


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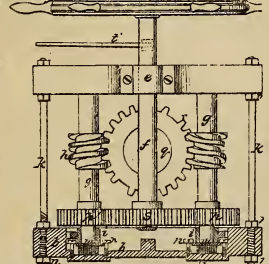
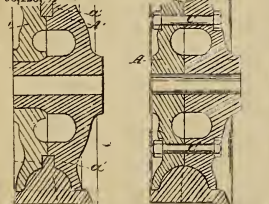
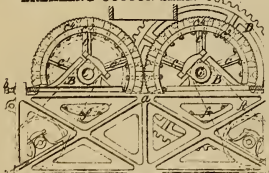
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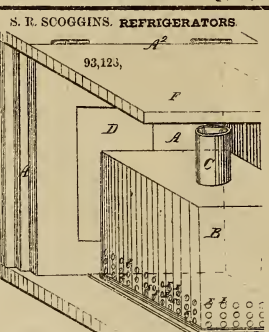
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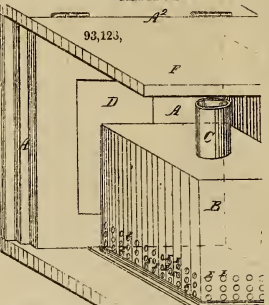
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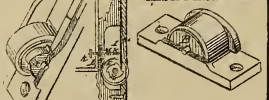


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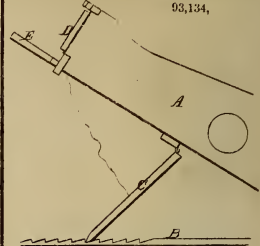
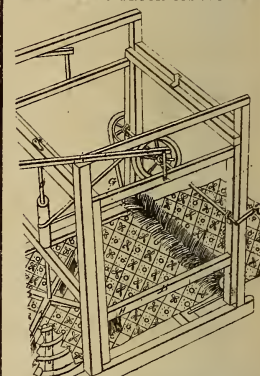
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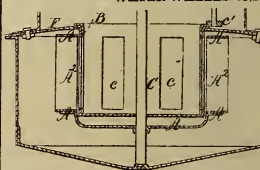
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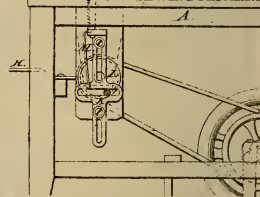
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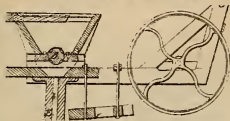
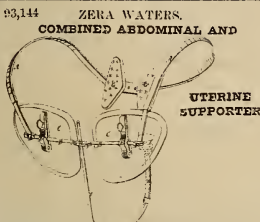
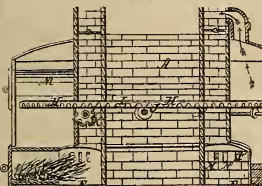
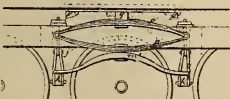
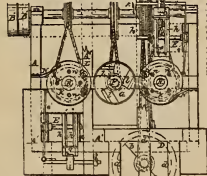
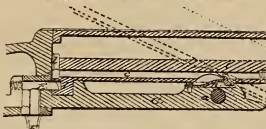
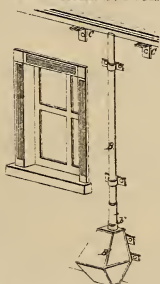
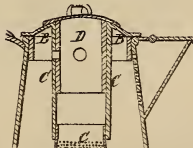
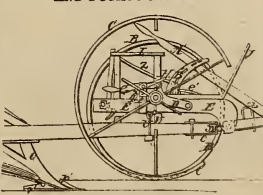
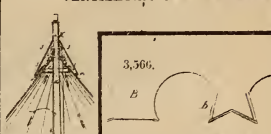
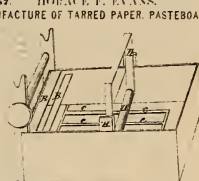
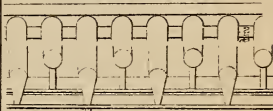
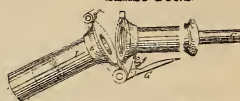
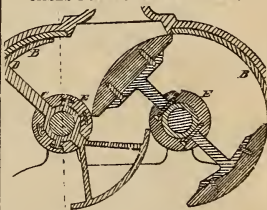
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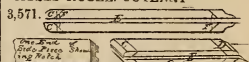
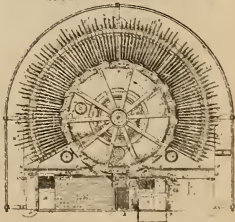
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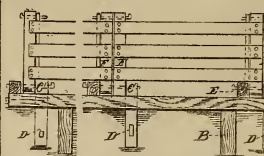
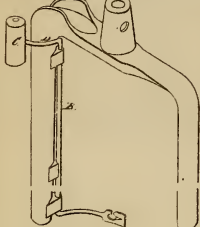
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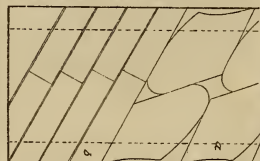
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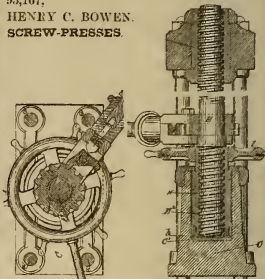
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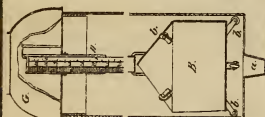


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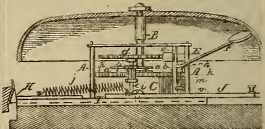
93,158, IRA R. AMSDEN. HYDROSTATIC
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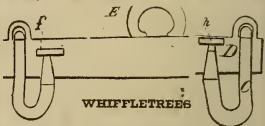
93,163, J. C. BATES.
HEAD-BLOCKS FOR
CARRIAGES



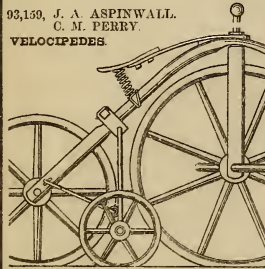
93,168, LUCIEN F. BRUCE.
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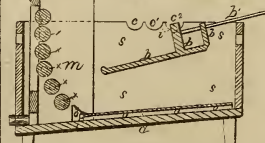
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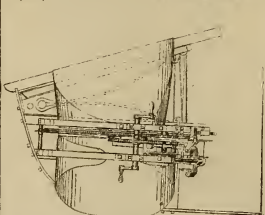
93,159, J. A. ASPINWALL.
C. M. PERRY.
VELOCIPEDES.



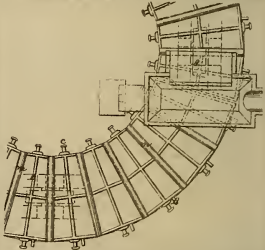
93,164, BAZZILLAI B. BECKWITH.
WASHING-MACHINES.



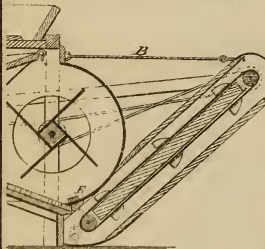
93,165, JACOB BEHEL. GRAIN-BINDERS



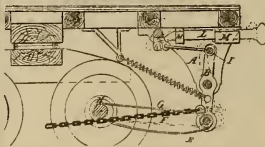
93,170, JAS. A. BURDEN. APPARATUS
FOR MAKING PIG-BLOOMS
IN THE MANUFACTURE OF IRON.



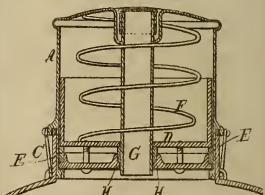
93,160, PARDON AUSTIN.
FANNING-MILL ATTACHMENT



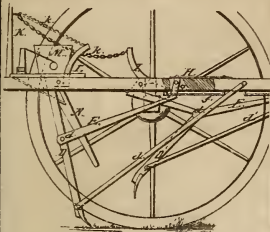
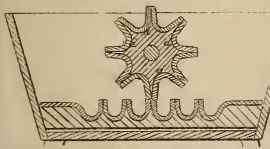
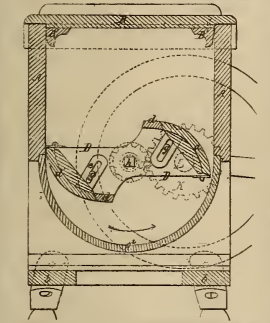
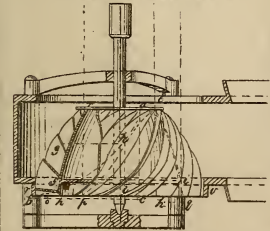
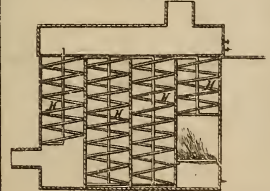
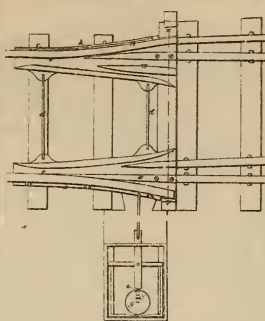
93,166, NORBORNE BERKELEY.
RAILWAY-CAR BRAKE



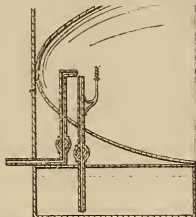
93,171, JOHN M. BURGHARTT.
MILE-CAN STOPPERS.



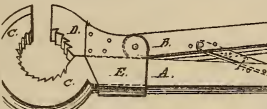
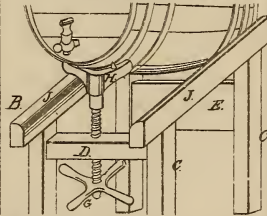
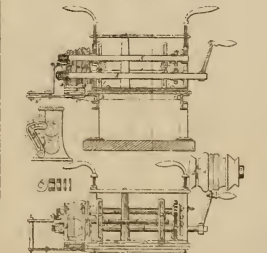
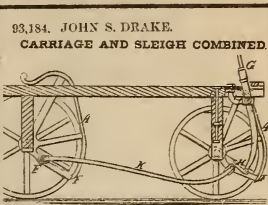
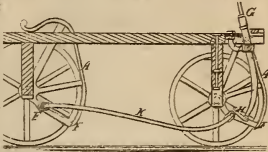
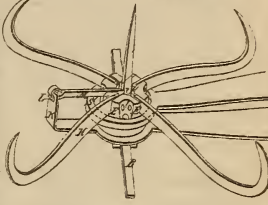
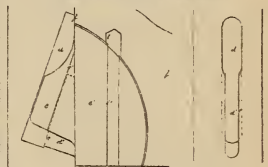
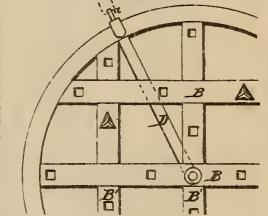
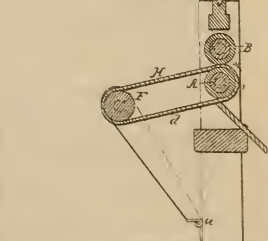
93,161, WILLIAM F. AUXIER.
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93,172, JOHN CAMPBELL. COMBINED
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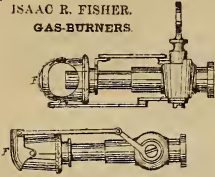
93,178.

C. L. COOMBS.
NEW
METHOD OF
PRODUCING CALCIUM-LIGHTS.

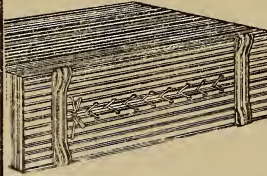
93,179, R. CRAIN. PIPE-TONGS.

93,180, JOHN C. CURRAN.
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93,189. ISAAC R. FISHER.
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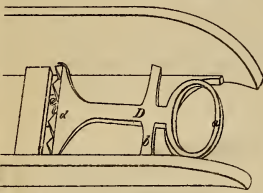
93,193. DAVID E. HALL.
LIFE-PRESERVING MATTRESS.



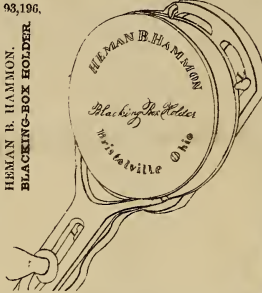
93,200. HY HAYWARD.
STIFFENING-CORD FOR SKIRTS.



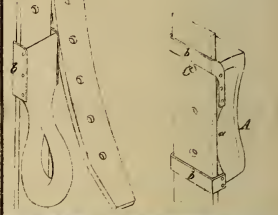
93,190. W. F. FOLEY. SLED-BRAKE.



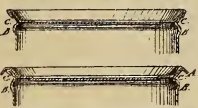
93,196.
HEMAN B. HAMMON.
BLEACHING-BOX HOLDER.



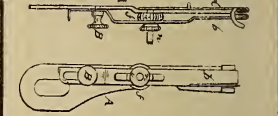
93,201. JUSTIN H. HILL.
HOMER C. HILL.
TRACE-SUPPORT AND BUCKLE.



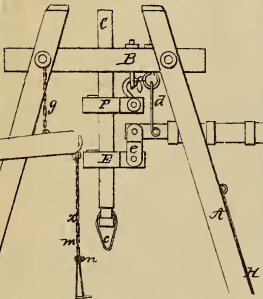
93,191. CHAS. J. FORTIN.
DAVID H. DRAKE.
WHITE-LEAD AND PACKING-CANS.



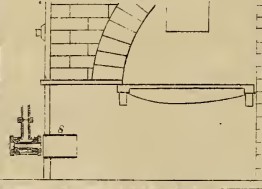
93,202. WALTER S. HOTCHKISS.
BINDING-GUIDES FOR SEWING
MACHINES.



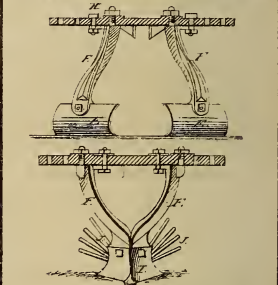
93,192. DAVID C. FRAZEUR.
STUMP-EXTRACTOR.



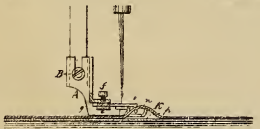
93,197. JOHN T. HANCOCK.
STEAM-BLOWERS.



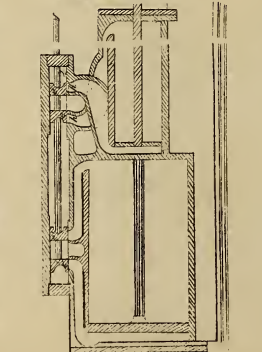
93,203. SAMUEL HUBER.
COMBINED FLOW AND CULTIVATOR.



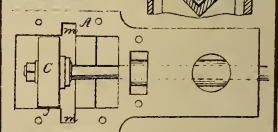
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BRAID-GUIDE FOR SEWING-MACHINE



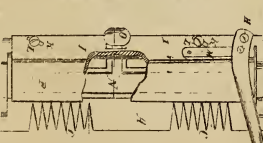
93,199. ANDREW HARTUPEE.
STEAM-ENGINE



93,204.
W. H. HULL.
STEAM-VALVE
DEVICES.



93,194. ISAAC GRIM.
TINNERS' BENDING-MACHINE.

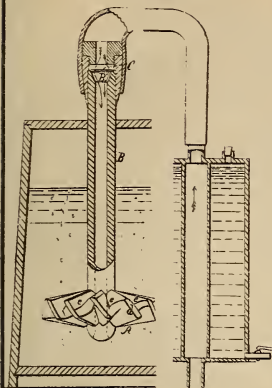


93,205.
REUBEN HURD
WAGONS

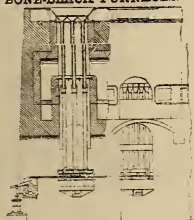


93,206. A. M. JOHNSTON.
H. H. AVRIT.
HOG-CHOLERA REMEDY

93,207 WM. KEGG.
CHURN-DASHERS.

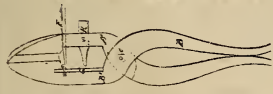


93,208, EUGEN LANGEN. **APPARATUS
FOR EMPTYING THE COOLING-TUBES
OF BONE-BLACK FURNACES**

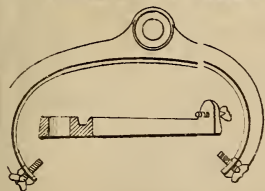


93,209 JOSEPH LLADO.
MEDICAL COMPOUND OR "BITTERS."

93,210. SAMUEL LONG.
TAMING AND MARKING HOGS.



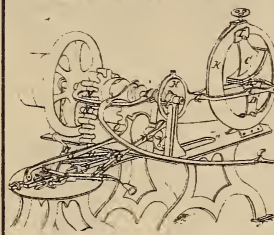
93,211, LUTHER LONGLEY. **YOKE FOR
STANDARDS FOR STOVE-SHELF.**



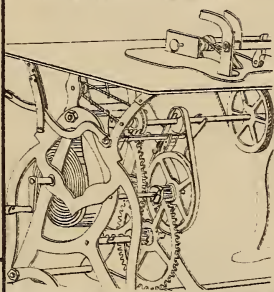
93,212. A. J. LUTZ. **MILLING-TOOL**
H. REISS.



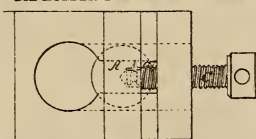
93,213. WESLEY MALICK.
MACHINE FOR MAKING CHAIN



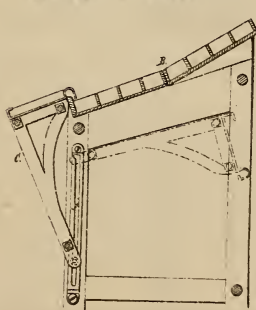
93,214. GEORGE W. MANSON.
**MECHANISM FOR
DRIVING SEWING-MACHINES**



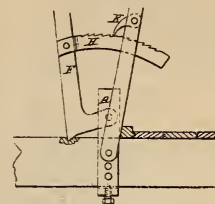
93,215. JOHN McWILLIAMS.
DIE-HOLDER FOR SCREW-PRESSES.



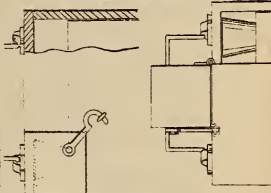
93,216. JOHN M. MURPHY.
PRINTERS' GALLEY-REST.



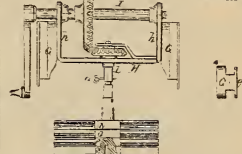
93,217. **FLOORING-CLAMP.**
DAVID NEVIN.



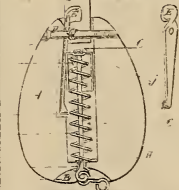
93,218. EDWIN NORTON.
TRANSPORTATION-CASE.



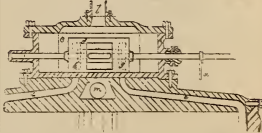
93,219 THOS. S. NUTTER.
CHURNS.



93,220. ROBERT T. OSGOOD.
FISHING-LINE SINKERS



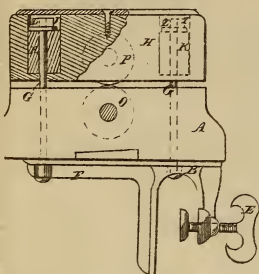
93,221. J. E. OUTRIDGE.
STEAM-VALVE DEVICE.



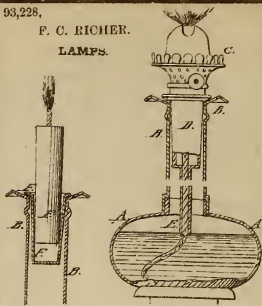
93,222. S. W. PALMER.
J. F. PALMER.
FAUCETS



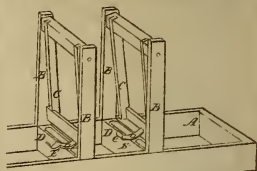
93,223. EDWARD L. PERRY.
CHARLES MANHEIM.
WRINGING-MACHINE



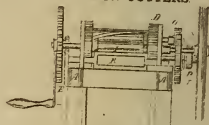
93,228.
F. C. RICHMER.
LAMPS.



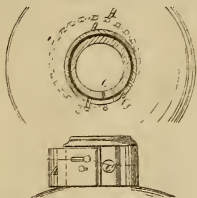
93,234. BENONI C. SCOTT.
FEEDING-DOORS FOR ANIMAL-PENS



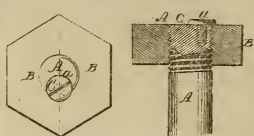
93,235. L. SEARS.
STRAW-CUTTERS



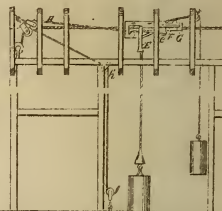
93,224. JOHN PHELPS. LAMPS



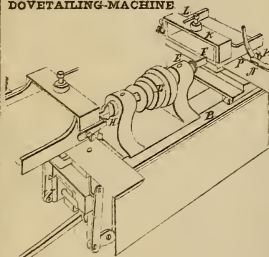
93,229. ALMON ROFF. LOCK-NUTS.



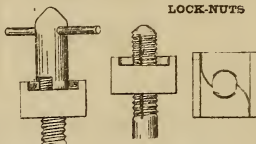
93,236. SAMUEL B. SECRIST.
ISAAC SEYSTER.
HAY-ELEVATOR



93,225. JOHN PHILLIPS.
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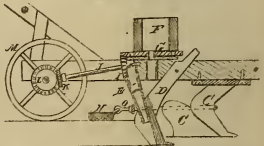
93,230. HENRY ROSAMBYER.
LOCK-NUTS



93,231. JOSHUA A. ROSEBECK.
GRAIN-MEASURES.

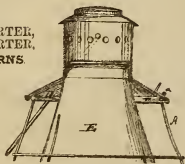


93,237. PETER SHELLENBERGER
CORN-PLANTERS

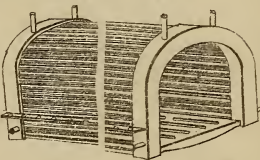


93,226.

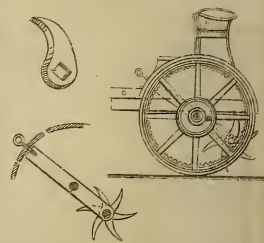
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WM. PORTER.
LANTERNS



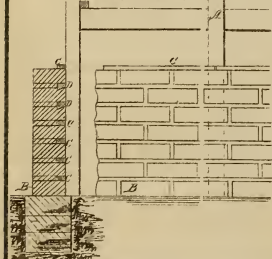
93,232. SILAS C. SALISBURY.
STEAM-GENERATORS.



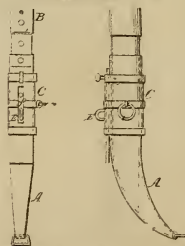
93,238. B. E. SIVERTSEN.
ROTARY SPADES.



93,227. JOSEPH POTTS.
BUILDINGS.

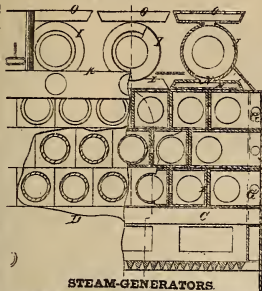
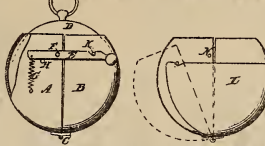
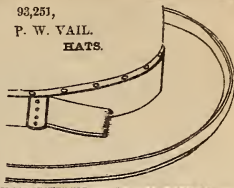
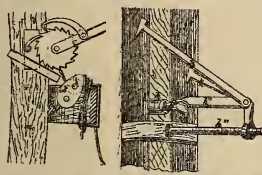


93,233. F. M. SCHAEFFER.
EXTENSION-HAMES.

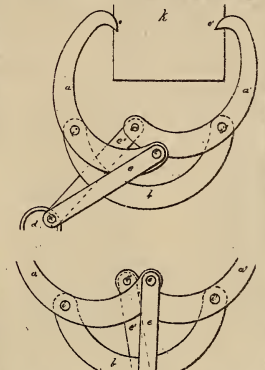
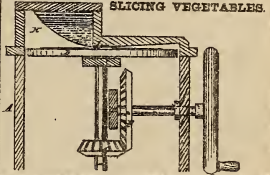
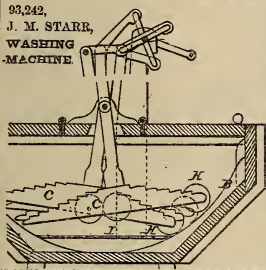
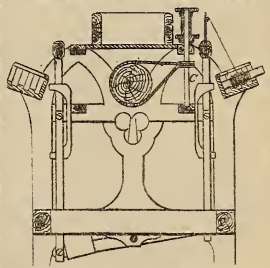
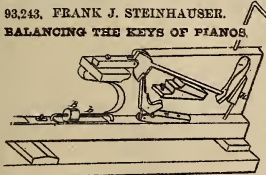
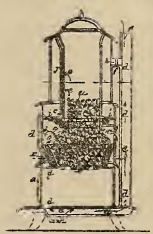


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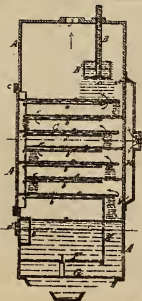
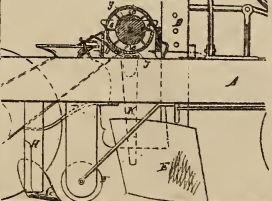
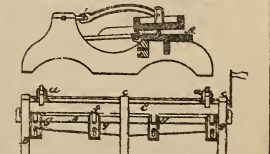
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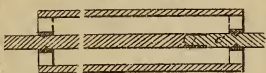
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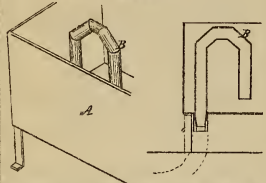
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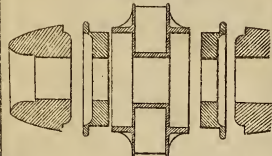
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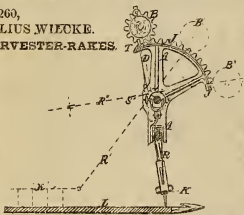
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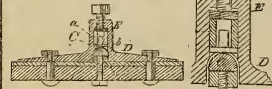
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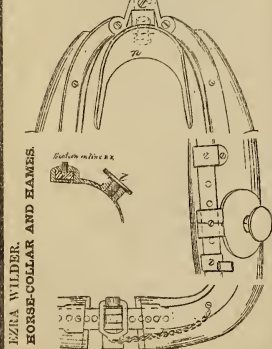
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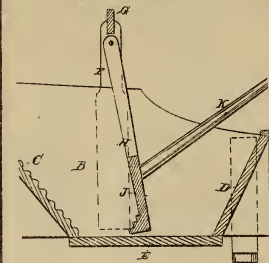


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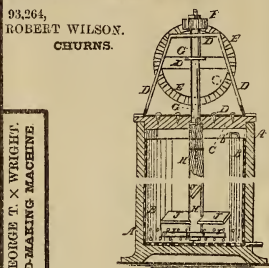


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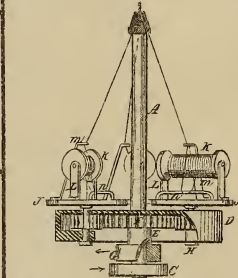
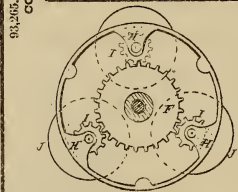
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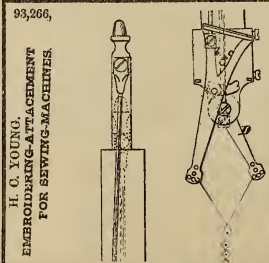


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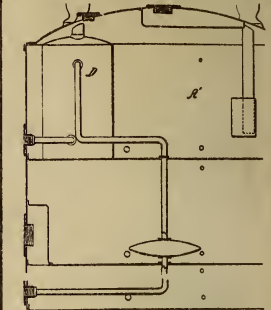


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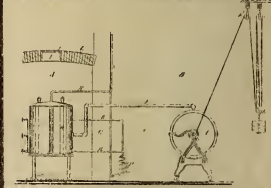
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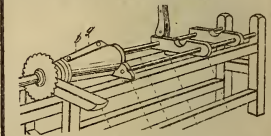
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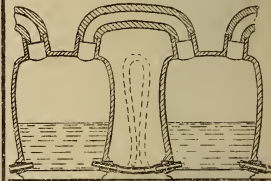
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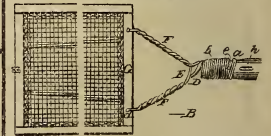
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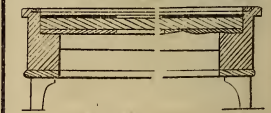
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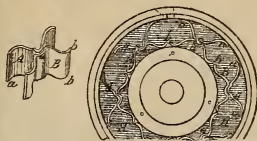
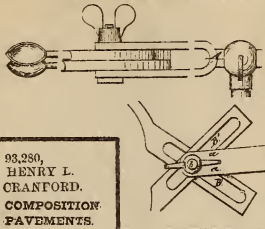
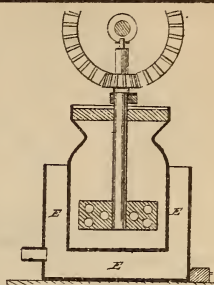
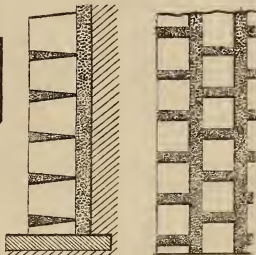
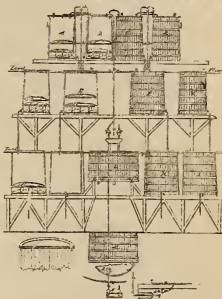
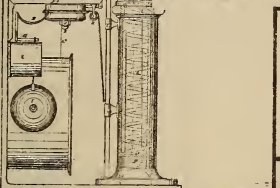
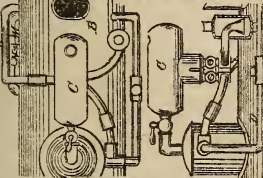
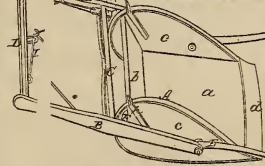
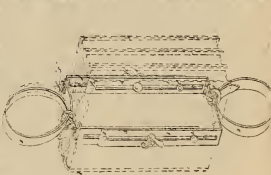


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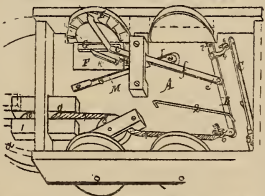
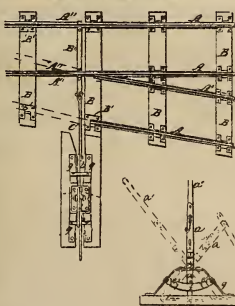
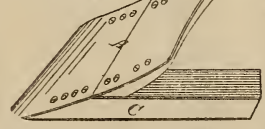
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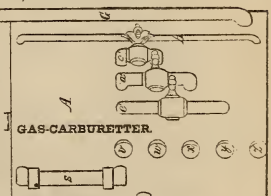
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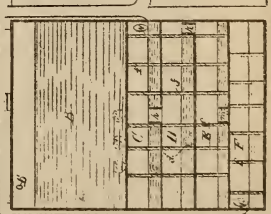
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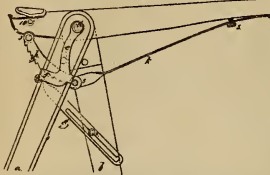
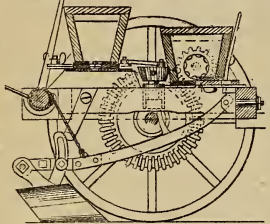
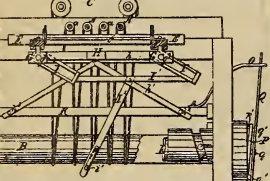
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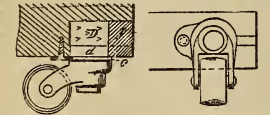
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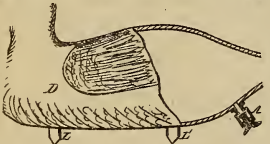
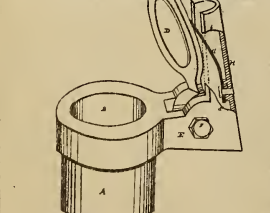
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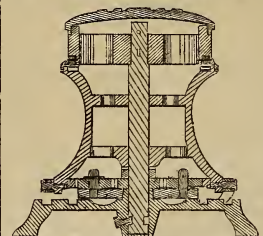
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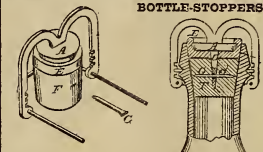
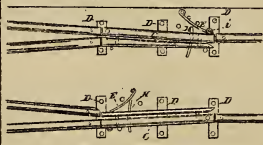
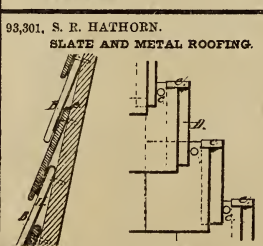
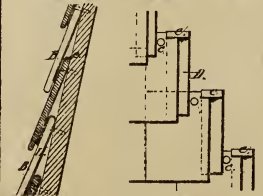
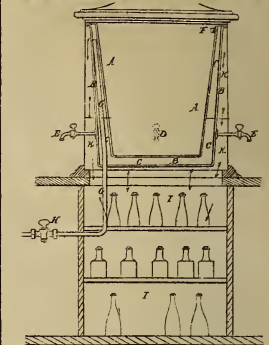
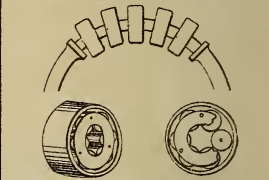
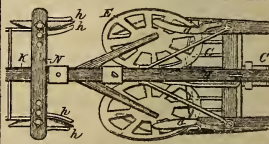
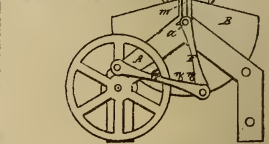
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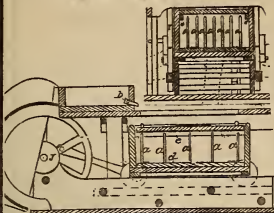
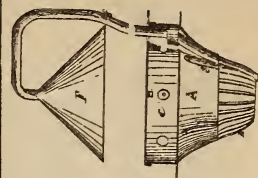
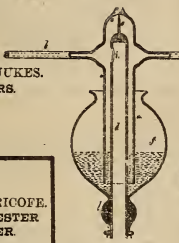
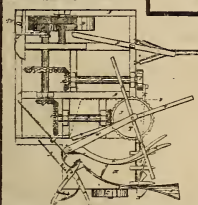
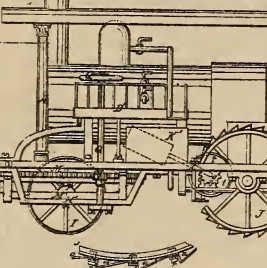
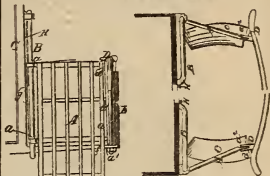
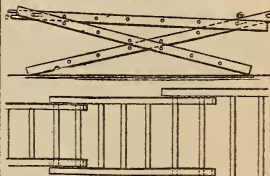
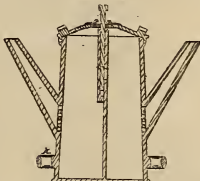
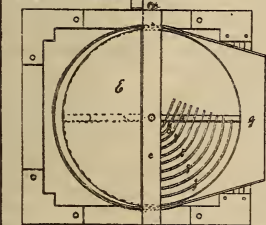
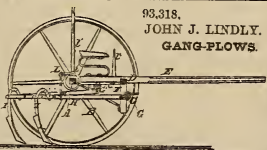
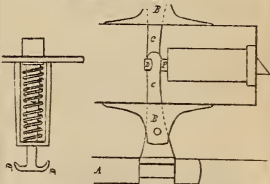
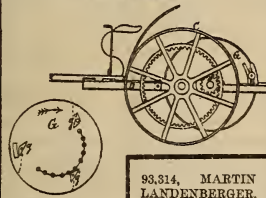
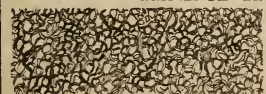
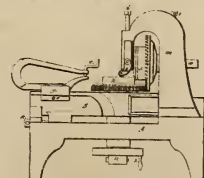
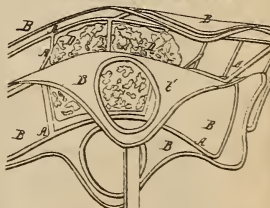
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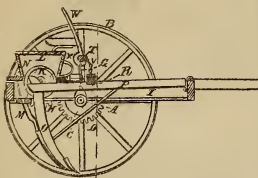


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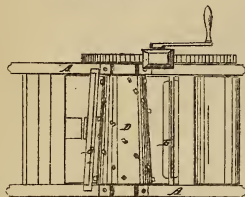
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PORTABLE SUMMER-FURNACES.93,325, J. L. McINTOSH.
SUN-SHADES FOR HORSES.93,326, A. H. MENDELL.
WIRE FENCES.

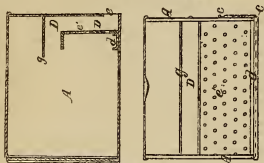
93,327. SOLOMON MICKLEY.
SAMUEL LEATHERY.
SEED-DRILLS.



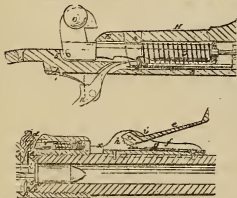
93,328. WILLIAM MILLER.
CORN-SHELLERS.



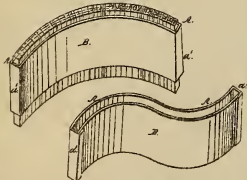
93,329. A. C. MILLS. FLY-TRAP.



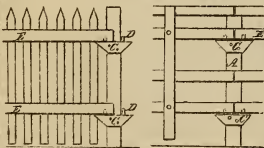
93,330. WILLIAM MORGENSTERN.
BRECH-LOADING FIRE-ARMS.



93,331. CHAS. N. MORRIS.
PRINTERS' RULES.



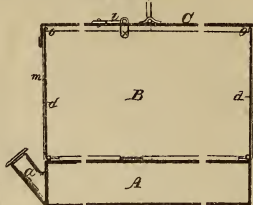
93,332. ISAAC J. MORROW. FENCE.



93,333. F. KEIDHARDT.

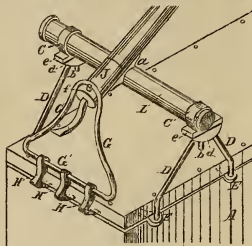
ROOFING-COMPOSITION

93,334. ADDISON NORMAN.
LUNCH-BOX.

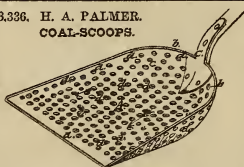


93,335. C. M. O'HARA.

APPARATUS FOR OPENING BOXES.

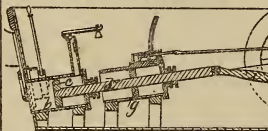


93,336. H. A. PALMER.
COAL-SCOOPS.



93,337. JOSEPH PARADIS.

PROPELLING-APPARATUS.



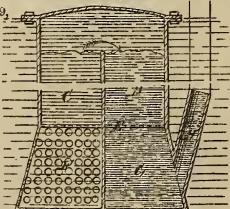
93,338. GEORGE J. PARHAM.

FRUIT-PICKER.



93,339.

J. D. PARROT.
FILTERS.

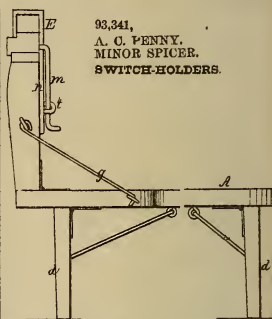


93,340. RICHMOND PEARSON.



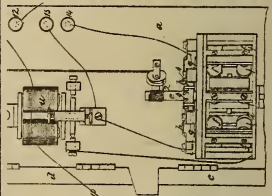
BEE-HIVES.

93,341.
A. C. PENNY.
MINOR SPICER.
SWITCH-HOLDERS.

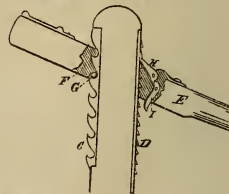


93,342. GEO. M. PHELPS.
ROBERT STEWART.

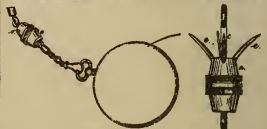
ELECTRICAL RAILROAD-SIGNAL.



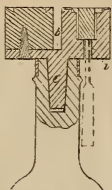
93,343. CHARLES J. PHILLEO.
CARRIAGE-JACKS.



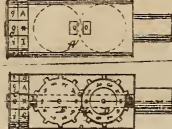
93,344. MORRIS POLLAK. SAFETY.
ATTACHMENTS FOR WATCH-CHAINS.



93,345,
JOHN A. A. POST.
HAND-STAMPS.



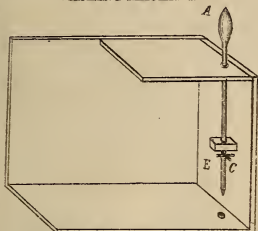
93,350 THOMAS ROSSITER.
ADDING-MACHINE.



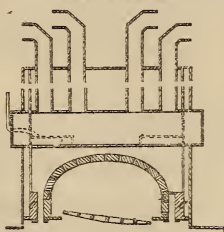
93,353, JOSEPH M. SHANK.
WIRE EAR FOR METAL BUCKETS.



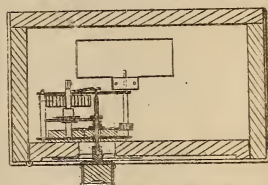
93,346, JOHN RINGEN.
WASHING-MACHINE.



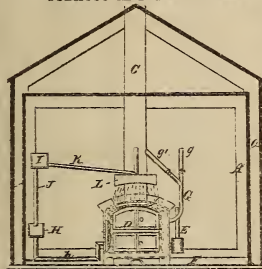
93,351, SILAS C. SALISBURY.
HOT-AIR FURNACES.



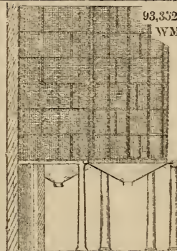
93,356, D. P. SHAW.
CHALKING BILLIARD-CUES.



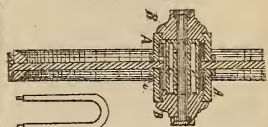
93,347, HENRY R. ROBBINS.
TOBACCO AND GRAIN-CURER.



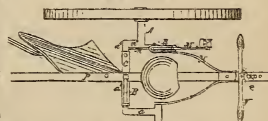
93,352, GRAIN-BINS.
WM. S. SAMPSON



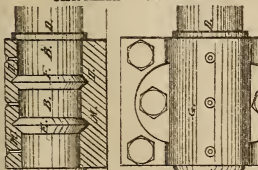
93,357, SAM'L S. SHERMAN.
SILAS D. PIPEL.
CARRIAGE-WHEEL.



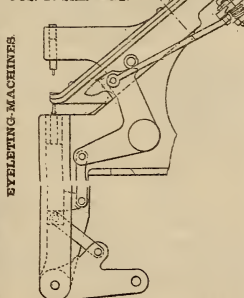
93,358, BENJAMIN SLUSSER.
SULKY-FLOWS.



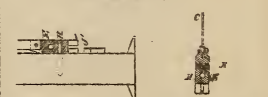
93,348, OBY ROBIRDS. RAILWAY.
CAR-AXLE JOURNAL AND BOX.



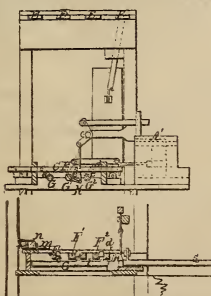
93,353,
JOS. F. SARGENT.



93,350, PATRICK SMITH.
DOOR-SPRING.

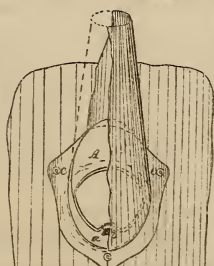


93,349, WILLIAM ROBJOHN. ORGANS.

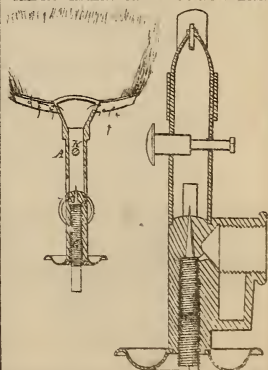


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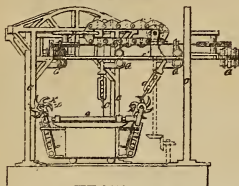
MORTZ SAUVSON.
KETTLE-SPOUT ATTACHMENT.



93,360, W. H. SMITH.
IMPROVEMENT IN VAPOR-BURNERS.



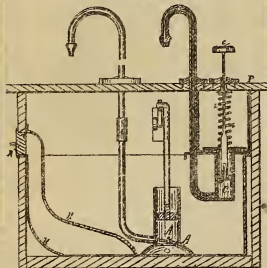
93,361. WILLIAM M. SMITH.
STREET-RAILWAY.



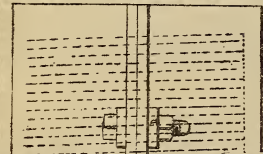
93,362. HUGH B. SPEDDEN.
FLOW-GAUGE.



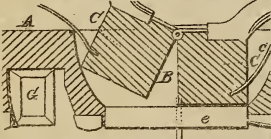
93,363. B. R. SPERRY.
SODA-FOUNTAINS.



93,364. LOUIS STERNE. DRIVING-BELT
AND BAND OF RUBBER AND METAL.



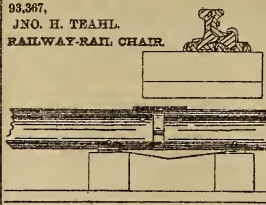
93,365. ALFRED STEVENS.
SEAM-PUTTING MACHINE.



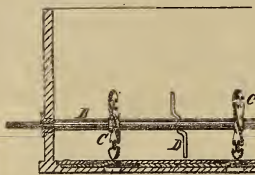
93,366. JOHN STORER.
HOT-ELAST PRESSURE-GAUGES.



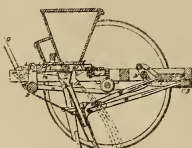
93,367.
JNO. H. TEAHL.
RAILWAY-RAIL CHAIR.



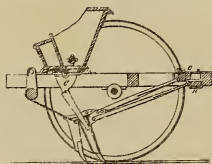
93,368. JOHN H. THOMAS.
PHINEAS P. MAST. MACHINE
FOR DISTRIBUTING FERTILIZERS



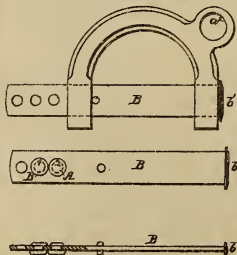
93,369. JOHN H. THOMAS.
PHINEAS P. MAST.
CHARLES O. GARDNER.
GRAIN-DRILLS.



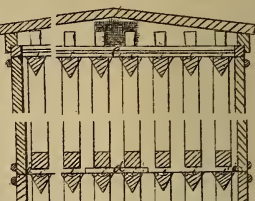
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PHINEAS P. MAST.
CHARLES O. GARDNER.
GRAIN-DRILLS.



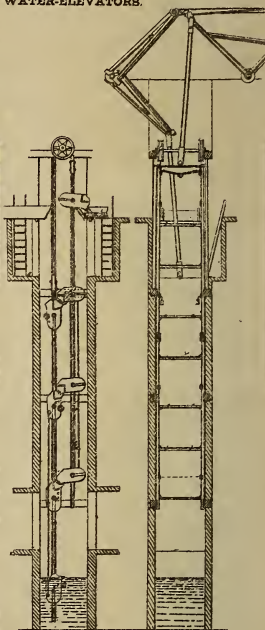
93,371. JAS. E. THOMSON.
JAMES TILLINGHAST.
SEAL-LOCKS.



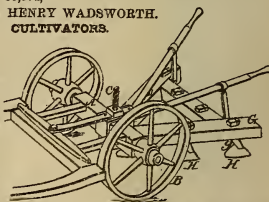
93,372. R. S. TORREY. BEE-HIVES



93,373. P. VAN DYK.
WATER-ELEVATORS.



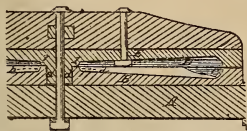
93,374.
HENRY WADSWORTH.
CULTIVATORS.



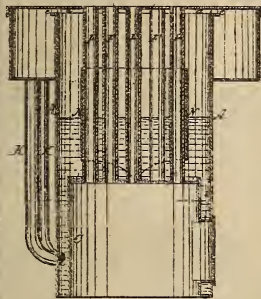
93,375. WILLIAM V. WALLACE.
RAILWAY-CAR COUPLING.



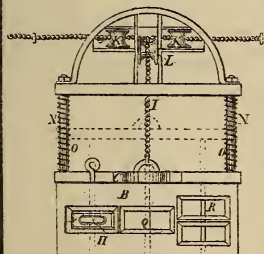
93,376, DANIEL WEAVER.
FIFTH-WHEELS FOR CARRIAGES.



93,377, JOHN WELLS.
STEAM-GENERATORS.



93,378, RICHARD WELLS.
RAILWAY CAR-COUPLING.



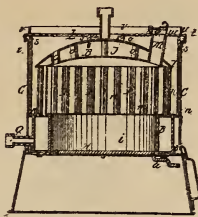
93,379,

GUSTAVUS WERLICH.
BLASTING-CHARGER.

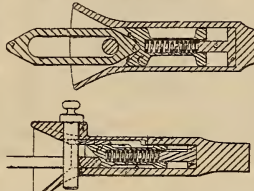


93,380, E. WHITELEX.

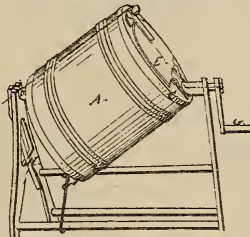
PORTABLE STEAM-APPARATUS
FOR GREENHOUSES.



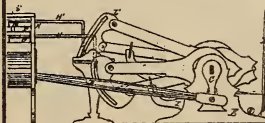
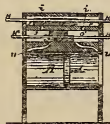
93,381, ORIN M. WHITMAN.
RAILWAY-CAR COUPLING



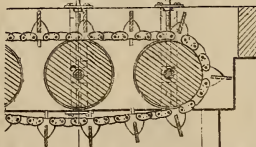
93,382 A. A. WILDER. J. WILDER.
WASHING-MACHINES.



93,383,
J. D. WILLOUGHBY.
STEAM-ENGINES.

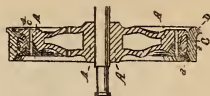


93,384, CHARLES WOLFF.
PROPELLING-APPARATUS

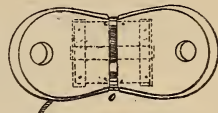


93,385 HENRY BROOK WOODCOCK.
LOW-GRADE STEEL FOR AXLES. TIRES

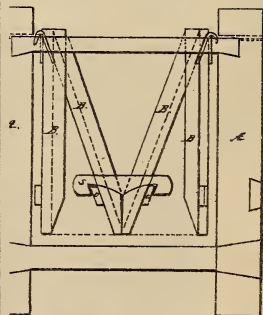
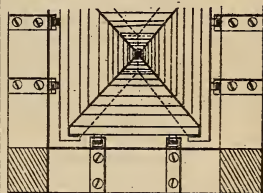
93,386, GEORGE W. N. YOST.
RAILROAD-CAR WHEEL.



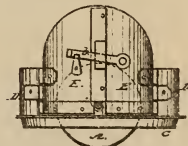
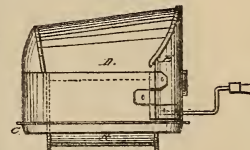
93,387, DAVID D. YOUNG.
IMPROVED PESSARY



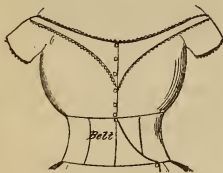
93,388, PETER ZIMMERMAN.
ASH-HOPPER.



93,389, F. W. ZOCHERT.
COFFEE-ROASTER.

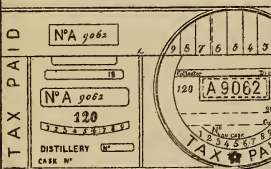


93,390.

MRS. R. L. JONES.
LADIES' CHEMISE

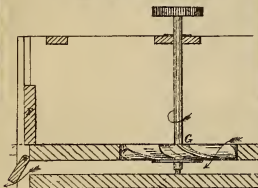
93,391. EDWARD A. LOCKE.

REVENUE-STAMPS FOR BARRELS.

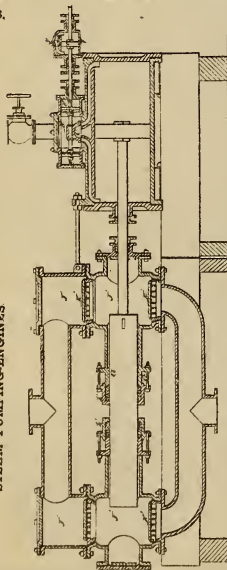


93,392. P. W. VARELL.

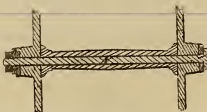
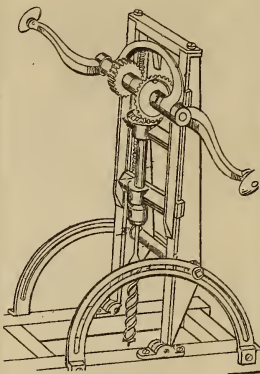
TIDE-WATER WHEELS.



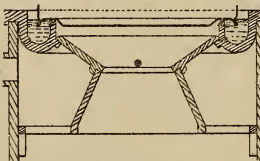
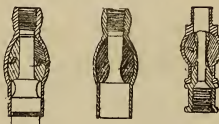
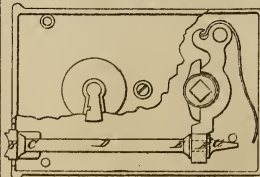
3,573.

ROBT. ALLISON.
STEAM PUMPING-ENGINES

3,574.

EMORY L. BATES.
BORING-MACHINE.3,575. FRED. W. DEVOE,
GEO. W. DEVOE.

SOLDERING SHEET-METAL CANS.

3,576. LEWIS FRANCIS.
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COMPOSITION OF MATTER.3,577. WILLIOTT P. GLEASON.
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PHILIP Y. BROWN.
WILLIAM M. GREENWOOD.
REVERSIBLE KNOB-LATCHES

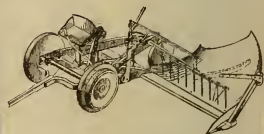
3,579. NATHANIEL JENKINS.

IMPROVEMENT IN THE MANUFACTURE
OF ELASTIC PACKING

3,580. JOHN P. MANNY, HARVESTERS.

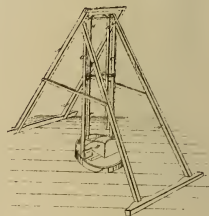


3,581.

JOHN P. MANNY.
HARVESTERS.

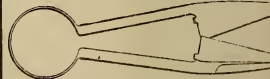
3,582. A. P. PAYSON.

GYMNASTIC SWING.

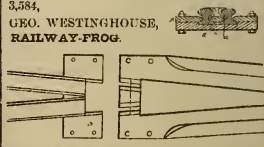


3,583. HENRY SEYMOUR.

MANUFACTURE OF SHEEP-SHEARS.



3,584.

GEO. WESTINGHOUSE.
RAILWAY-FROG.

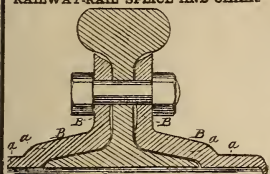
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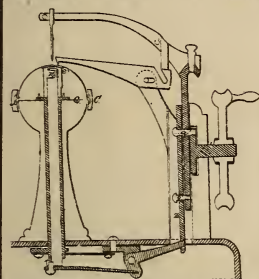
THE UNITED STATES PATENT OFFICE,

AUG. 10, 1869.

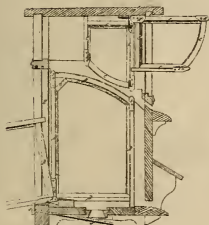
93,393, THOMAS J. ADAMS.
RAILWAY-RAIL SPlice AND CHAIR.



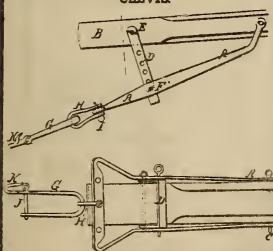
93,394, BENJAMIN ARNOLD.
MACHINE FOR MENDING STOCKINGS.



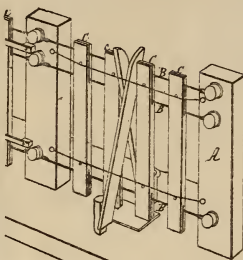
93,395, THOMAS ATKINSON.
BEE-HIVES.



93,396, WILLIAM W. ATTEBERRY.
CLEVIS.



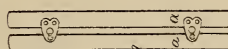
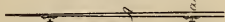
93,397, DANIEL B. AYRES.
FENCES.



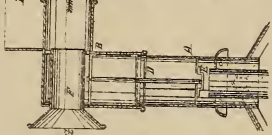
93,398, W. C. BARBER.
FLOOD-FENCE.



93,399, FRANCES LEE BARNES.
FRANCES LEE BARNES,
CORSET-STEELS.



93,400, D. C. BATTEY.
CARL L. SVENSSON.
CHIMNEY-COWLS.



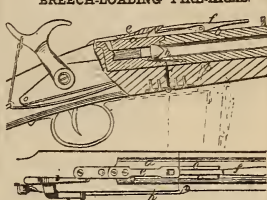
93,401, SPENCER BENTLEY.
DITCHING-MACHINE.



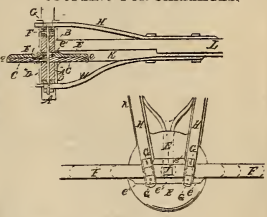
93,402, AMOS S. BLAKE.
TELESCOPIC QUADRANT-HINGE.



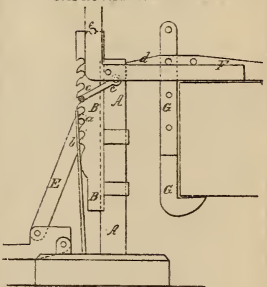
93,403, JOHN D. BLAKER.
BRECH-LOADING FIRE-ARMS.



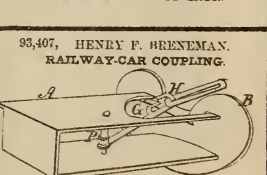
93,404, ALBERT BOOTH.
COUPLING FOR CARRIAGES.



93,405, REV. W. A. BOWYER.
IMPROVED LIFTING-JACK.

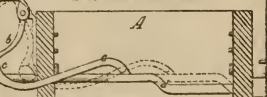


93,406, EDWARD BRADY.
MANUFACTURE OF IRON

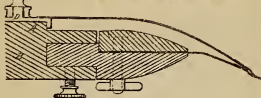


93,407, HENRY F. BRENNEMAN.
RAILWAY-CAR COUPLING.

93,408, F. E. BROWN.
SHUTTER-WORKER.



93,409,

J. H. BRUCE.
RULING-MACHINES.

93,410,

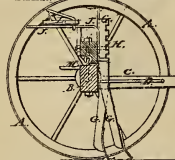
INSULATORS FOR LIGHTNING-RODS.
JOHN BURNHAM.

93,411,

JOHN BUTLER.
COMPOUND OIL FOR PRODUCING GAS.

NATHAN BUTLER. CULTIVATORS.

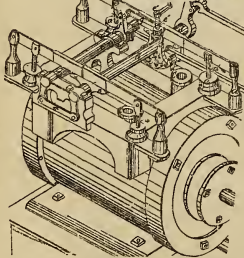
93,412.



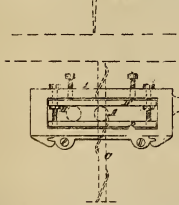
93,413,

A. W. CALDER.
MAKING CORUNDUM-WHEELS.

93,414,

WM. C. CHAMPLIN.
STEAM-ENGINES

93,415,

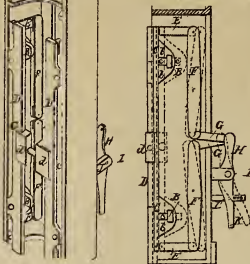
L. H. COBBS.
SEWING-MACHINE.

93,416,

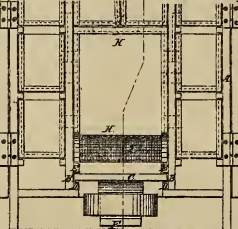
IRA COGSWELL, JR.
IMPROVED VISE.

93,417, HUDSON W. CONKLING.

SAW-MILLS.

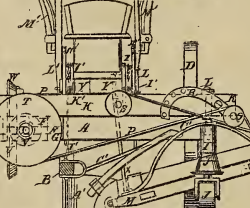


93,418,

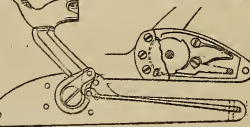
SAMUEL B. CRANFORD.
BEE-HIVES.

WILSON CRAWFORD.

93,419, DITCHING-MACHINE.

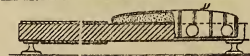


93,420,

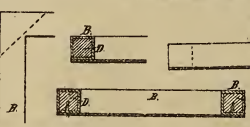
WILLIAM DASHNER.
GUN-LOCKS.

JAMES D. DAVIES. 93,421,

SAD-IRON POLISHER AND GLOSSER.

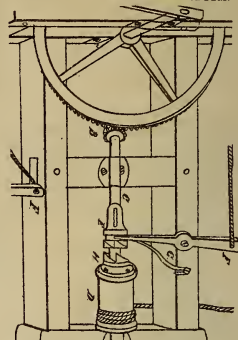


93,422,

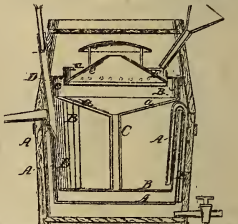
ALEXANDER T. DE PUY.
PRINTERS' GALLEYS.

93,423, WILLIAM DERR.

HAY-ELEVATORS.



JACOB DINGEE. MILK-COOLERS 93,424,

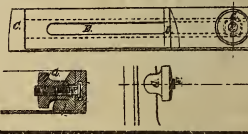


93,425,

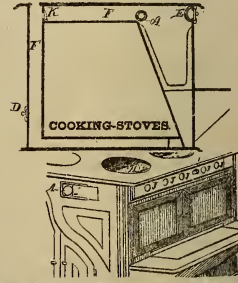
SAMUEL EASTER. SASH-LOCK.



93,426,

JOHN M. EATON.
COMPOSING-STICKS.

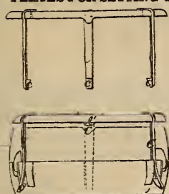
JOHN FLEMING. 93,427,



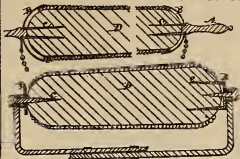
93,428,

JACOB AUGUSTUS FOLSOM.
SPURS FOR EXCELSIOR-MACHINES.

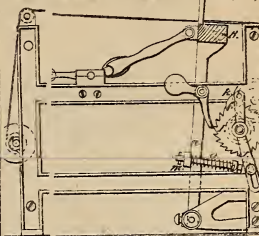
93,429, CYRUS G. FRENCH.
FLASKS FOR VULCANIZING RUBBER
PLATES FOR SETTING TEETH.



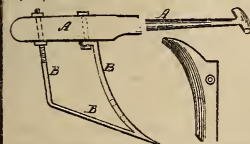
93,436, HENRY HEBBARD.
FINGER-GUARD FOR
HOLDING HOT CORN.



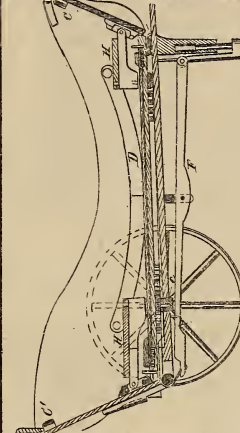
GEORGE H. HOLMES.
TAKE-UP FOR LOOMS.



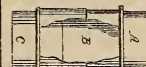
93,431, WM. GOWEN. HAND-PLOW.



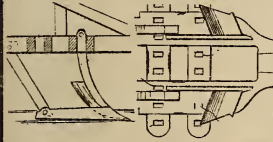
93,437, GEO. H. HENKEL.
CAE AND CRADLE.



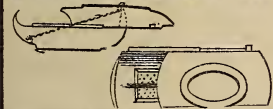
93,442, JULIUS HUBBARD.
LAMP-BURNERS.



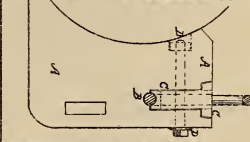
93,430, J. W. GILLIAM. FLOWS.



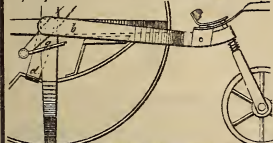
93,432, G. GROS.
POCKET-BOX FOR PERCUSSION-CAPS.



93,443, ROBERT HUMPHREY.
RAILWAY-BRAKE BLOCK.



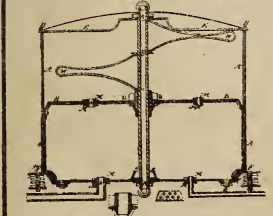
93,433, C. B. GUY. VELOCIPEDES.



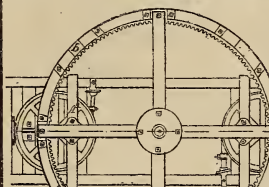
93,434, JOHN G. HAM.
SEED AND MANURE-DROPPER.



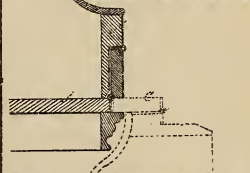
93,435, J. HENRY HAYWARD.
PORTABLE GASOMETER.



93,438, JOHN HEUERMAN.
HORSE-POWER.



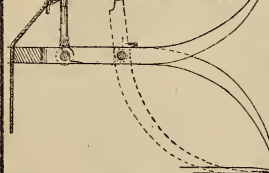
93,444, THOS. E. HUNT.
SEWING-MACHINE TABLE.



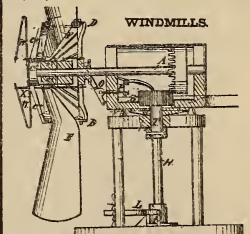
93,445, ANTHONY ISKE.
RECLINING-CHAIR.



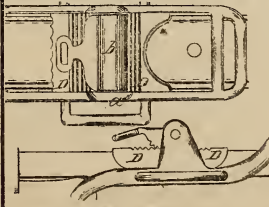
93,439, NEWELL HINMAN.
HORSE HAT-FORKS.



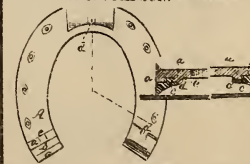
93,446, C. S. JENKINS.
WINDMILLS.



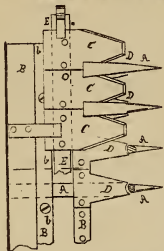
93,440, JOHN P. HISLEY. BUCKLES.



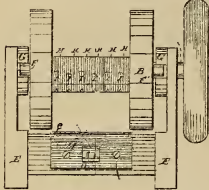
93,447, P. C. JOHNSON. HORSESHOES.



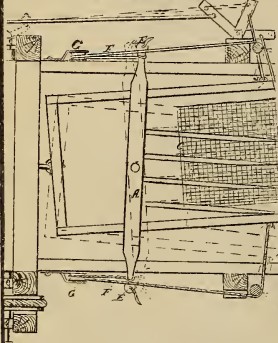
93,448, BENJN. JOHNSON,
WILLIAM JOHNSON.
CUTTER-BAR FOR HARVESTERS.



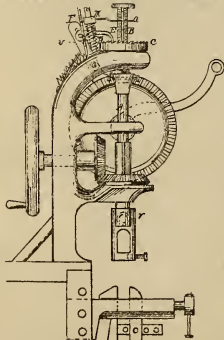
93,449, HORACE K. JONES.
MACHINE FOR GRADUATING
CARPENTERS' SQUARES.



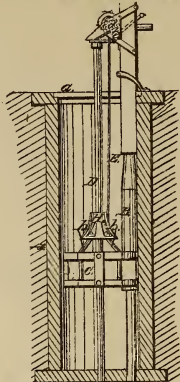
93,450, EBENEZER L. KELLY.
GRAIN-SEPARATORS AND
CLOVER-CLEANING MACHINE.



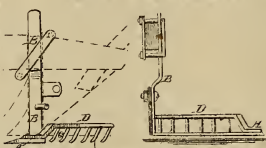
93,451, J. A. KIRKPATRICK.
G. W. HORNBY.
APPARATUS FOR DRILLING METAL.



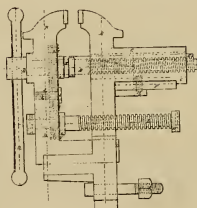
93,452, JACOB J. KISER.
UTILIZING WELLS AS REFRIGERATORS.



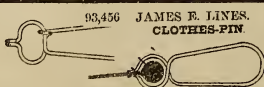
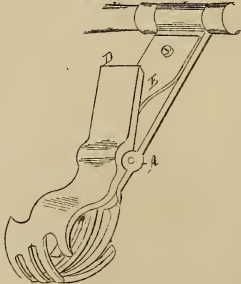
93,453, P. G. KLEINPETER.
CANE AND STUBBLE-SHAVER.



93,454, JAMES LARKIN.
IMPROVED VISE.



93,455, W. D. LEAVITT.
CORN-SHELLER.

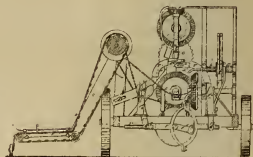


93,456 JAMES R. LINES.
CLOTHES-PIN.

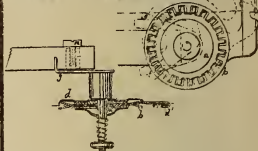
93,457, WM. LONG.
JAMES GARAND.
MAKING BUNGS.



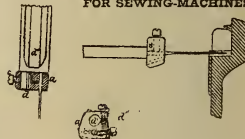
93,458, WILLIAM LOTTRIDGE
GRAIN-BINDERS.



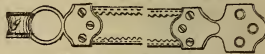
93,459, T. A. MACAULAY.
TENSION-DEVICE
FOR SEWING-MACHINE.



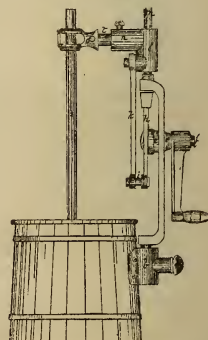
93,460, T. A. MACAULAY.
NEEDLE-HOLDING BLOCK
FOR SEWING-MACHINES.



93,461, W. C. MARSHALL
BELL-ROPE SUPPORTER.



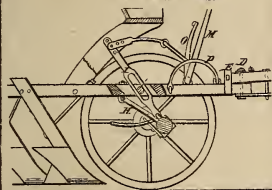
93,462, JAMES McELROY.
CHURNS.



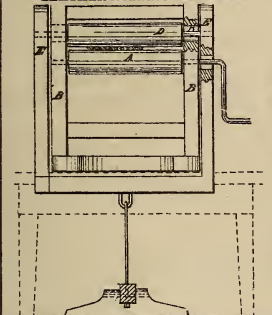
93,463, R. S. MERSHON.
BOBBIN FOR SEWING-MACHINE
SHUTTLES.



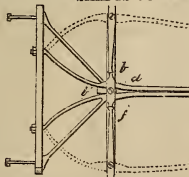
93,464, M. MICKELSON.
TRUCK-FLOWS.



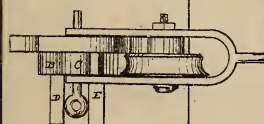
93,465, C. W. MONSON.
LEATHER-ROLLING MACHINE.



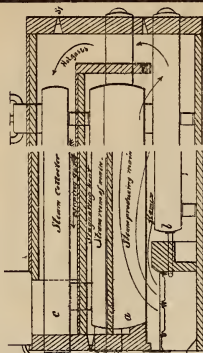
AUGUSTUS MOORE.
93,466, JOHN AYLWERT.
CARRIAGE-POLES AND
SHAFTS COMBINED.



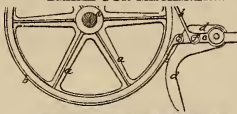
93,467, D. G. MORRIS.
MACHINE FOR BENDING CAR-HOOKS.



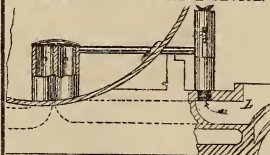
93,468, F. MÖRTH.
FURNACE AND STEAM-GENERATORS.



93,469, ROBERT DAVID NAPIER.
BRAKE FOR MACHINERY.



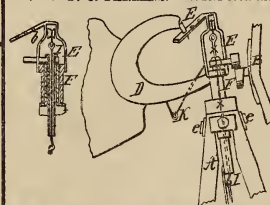
A. ONSLOW, 93,470,
EXHAUST-NOZZLE-VALVE DEVICE.



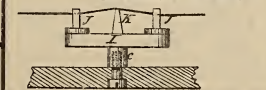
93,471, D. K. OVERHISER.
CHURN-DASHERS.



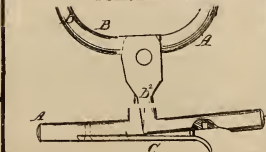
93,472, P. C. PERKINS. WINDMILLS.



93,473, PIANO-FORTES.
CHARLES A. PETERSON.



93,474, W. GRAY PHILLIPS.
POLICE-NIPPERS.



93,475, L. C. PRINDLE.
NEWSPAPER-FILES.



93,476, C. H. PROESSDORF.
E. BAUCH.
WOVEN HOSE FOR WATER &c.

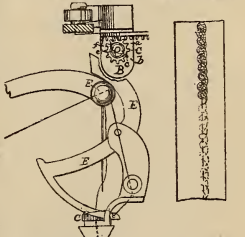
93,477, WM. J. RAND
PROCESS OF PREPARING ICELAND
AND IRISH MOSS FOR USE IN FOOD.

93,478, WM. J. RAND.
ICELAND MOSS AND CARRAGEEN.

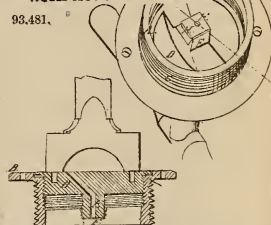
GEORGE W. ROGERS. 93,479,
STAIR-ROD.



93,480, I. M. ROSE.
EMBROIDERING-ATTACHMENT
FOR SEWING-MACHINES

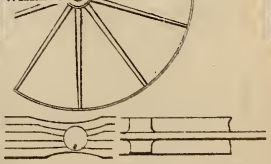


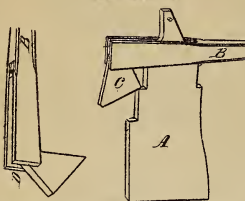
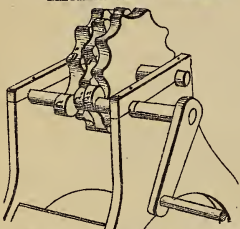
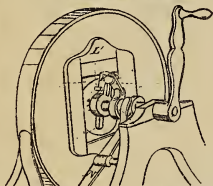
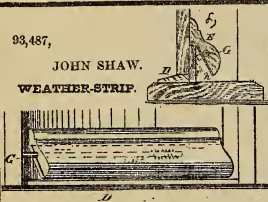
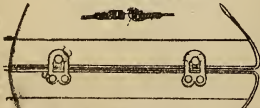
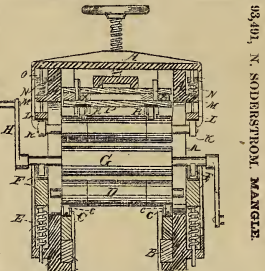
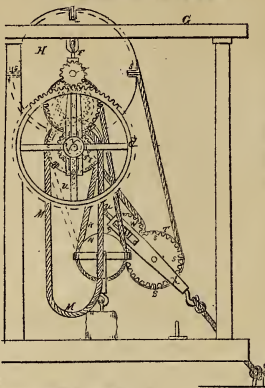
METALLIC BUNGS AUGUSTUS RUOFF.
WITH AUTOMATIC VENT.



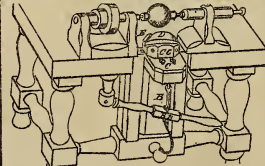
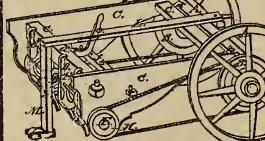
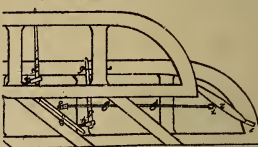
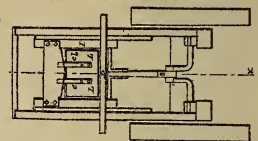
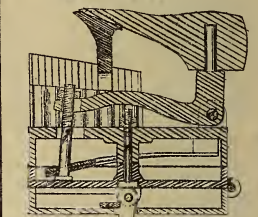
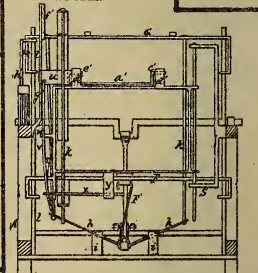
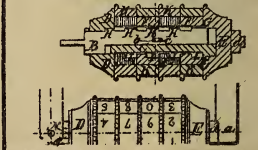
93,482, S. I. RUSSELL.
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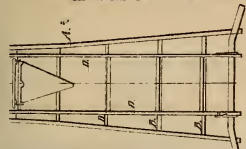
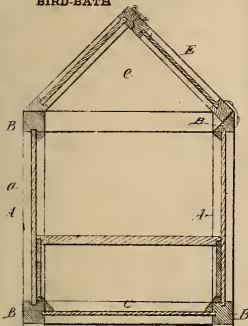
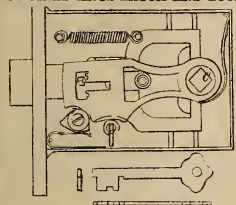
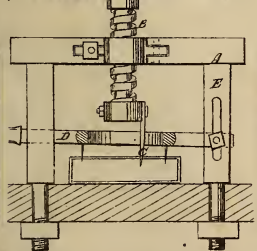
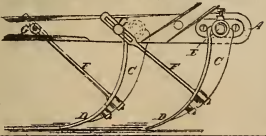
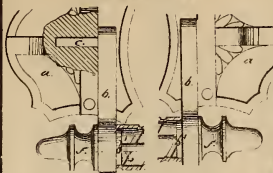
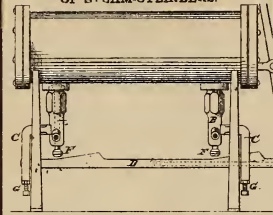
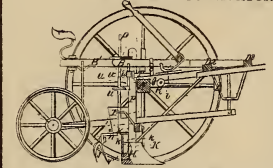
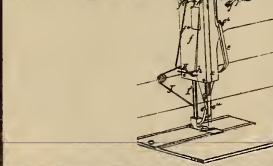
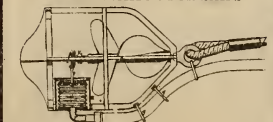
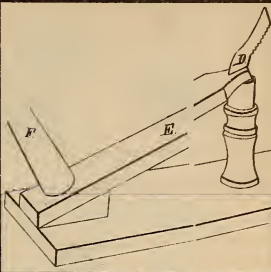
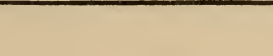
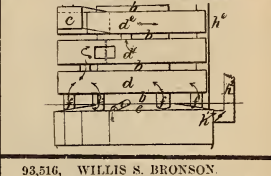
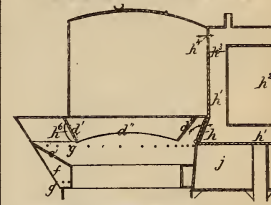
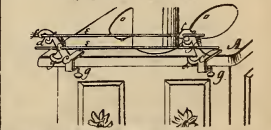
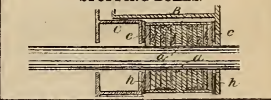
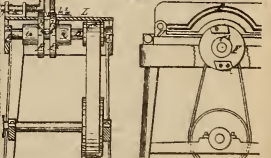
THOMAS RYAN, 93,483,
PROCESS FOR FORMING THE HUB
AND SPOKES OF WROUGHT-IRON
WHEELS



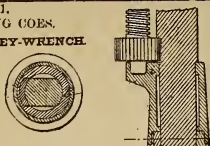
93,484, JOHN F. SEAMAN.
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MECHANICAL MOVEMENT.93,486, HENRY F. SHAW.
IMPROVED CLUTCH.93,487, JOHN SHAW.
WEATHER-STRIP.93,488, GILBERT SMITH.
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HOISTING-MACHINES.

93,491, N. SODERSTROM. MANGLE.

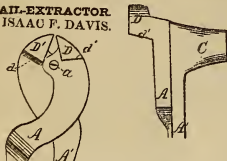
93,492, ISAAC H. SPENCER.
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WILLIAM H. STAATS.
AUGUST C. SCHWANKE.
STALK-CUTTER.93,494, ANDREW JACKSON STEVENS.
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ISAAC N. ROSS.
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WILLIAM BUSKIRK.
SHINGLE-MACHINE.93,497, WILLIAM H. SWEETLAND.
PEGGING-JACKS.93,498, N. A. THORNTON.
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93,502, CALVIN G. UDELL.
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93,512,93,513, A. BANARE.
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THOMAS CLARK
93,519, RABBETING-MACHINEFRANCIS CRAMER.
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93,520.

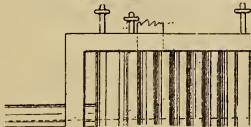
93,521.
LORING COES.
MONKEY-WRENCH.



93,522.
NAIL-EXTRACTOR.
ISAAC F. DAVIS.



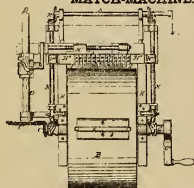
93,523. JONATHAN DENNIS, JR.
DISTILLING ALCOHOLIC
SPIRITS AND LIQUORS.



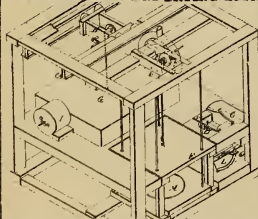
CHARLES DOLD.
WAGON-BRAKE 93,524.



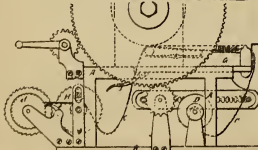
93,525. WM. B. ELTONHEAD.
MATCH-MACHINE.



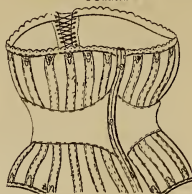
93,526. JEREMIAH FISHER.
TREATING CLAY AND DRYING BRICKS



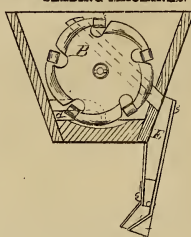
93,527. GEORGE GIBBONS.
ADDRESSING-MACHINES.



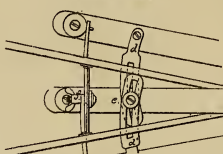
93,528. THOMAS S. GILBERT.
CORSETS



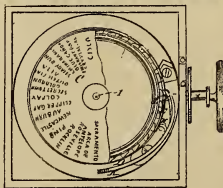
93,529. M. L. GORHAM.
SEEDING-MACHINES.



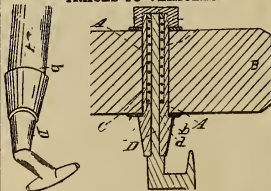
93,530. E. S. GREGORY.
CULTIVATORS



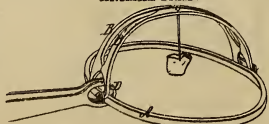
93,531. JOHN CORNELL HACKETT.
PASSENGER AND STATION-REGISTER



93,532. IVORY C. HAM.
DEVICE FOR ATTACHING
TRACES TO VEHICLES.



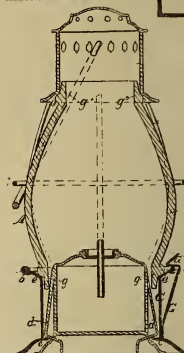
93,533. GEORGE HANELINE.
ANIMAL-TRAP.



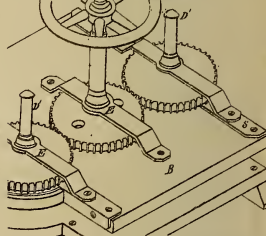
93,534.
CARL HINZ.
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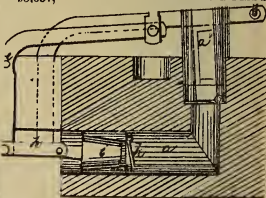
93,535.
JOHN HUGHES.
LANTERNS.



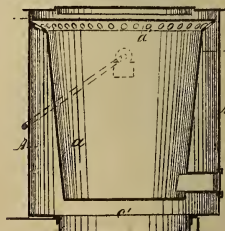
93,536. J. M. KREP.
COPYING-PRESSES.



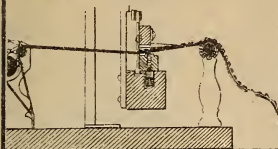
93,537. LUKE L. KELLOGG. PUMPS



93,538. J. DWIGHT KELLOGG, JR.
PORTABLE COOKING-FURNACES.



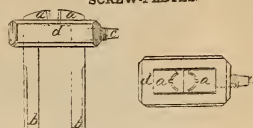
93,539. JACOB KEMPER.
METHOD OF WEAVING GALLOON



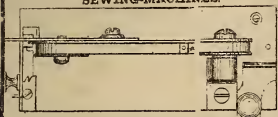
93,546. I. M. MILBANK.
METALLIC CARTRIDGES



93,552. A. W. OWEN.
JAMES BARNES.
SCREW-PLATES



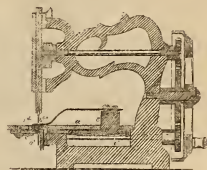
93,540. J. T. JONES.
EASTER-GUIDE FOR
SEWING-MACHINES.



93,547. GEO. R. MOORE.
VALVES FOR WATER-CLOSET PIPES



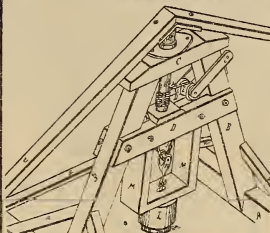
93,553. HIRAM PLUMMER
SEWING-MACHINE



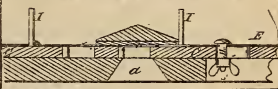
93,541. GEORGE G. JOYCE.
CAN-OPENERS.



93,548. NICHOLAS V. MORELLE.
LOUIS J. MORELLE.
STUMP-EXTRACTOR
AND PRESS COMBINED.



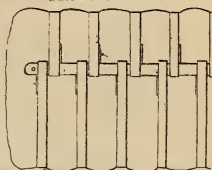
93,554. H. B. QUICK.
DEVICE FOR REGULATING THE
FEED IN SEEDING-MACHINE.



93,542. ALICIA LYNCH.
MARY L. MOFFAT
SLATE-FRAMES

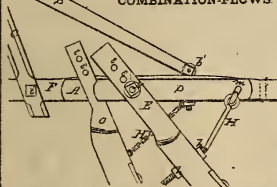


93,555. WILLIAM RIDDLE
PACKING-DEVICE

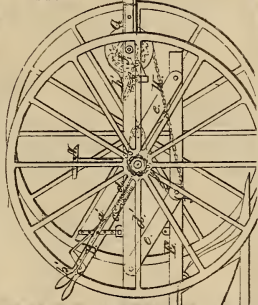


93,543. B. F. MCCARTY.
J. W. ORR.
R. J. ORR.

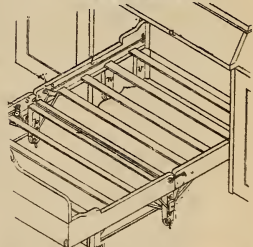
COMBINATION-FLOWS



93,549. H. W. NEAL.
FLOWS



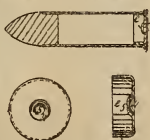
93,556. DANIEL T. ROBINSON.
CABINET-BEDSTEAD



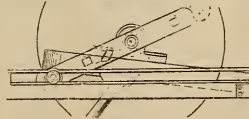
93,544. C. S. MERRIMAN.
SUBMARINE CLOTHING



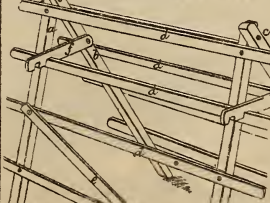
93,545. ISAAC M. MILBANK.
METALLIC CARTRIDGES.



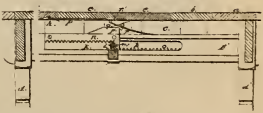
93,550. JAMES L. NELSON.
CHURNS.



93,551. THEODORE OAKLEY.
CLOTHES-DRIER

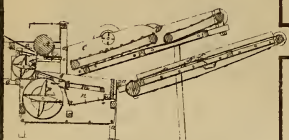
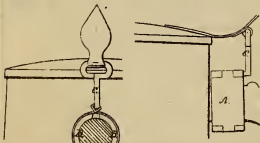


93,557. DANIEL T. ROBINSON.
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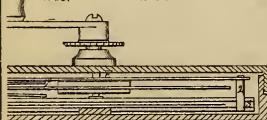
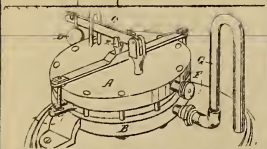
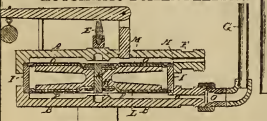
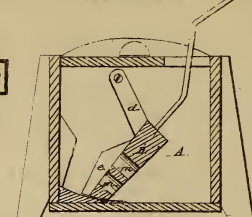
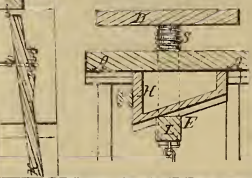
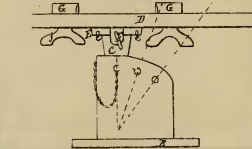
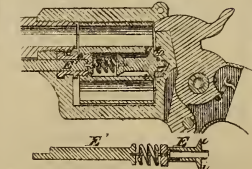
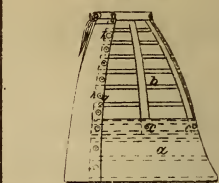
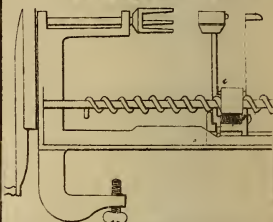
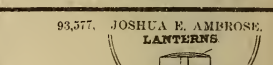
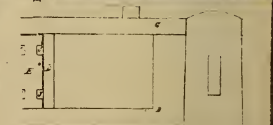
93,558. FLOWS. JOHN RUNYON.
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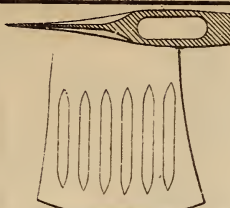
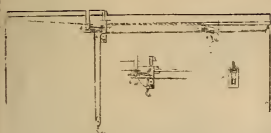
93,559. JAMES F. RUSSELL.
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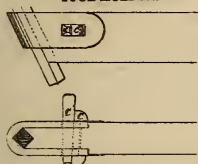
93,579. T. H. ARNOLD.
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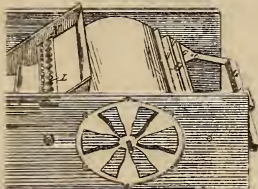
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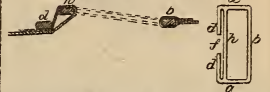
93,580. JOSEPH R. BAILEY.
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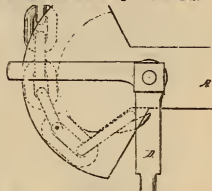
93,586. CHARLES A. BIKLE.
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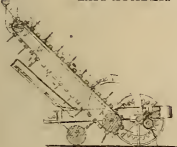
93,592. HEMAN P. BROOKS.
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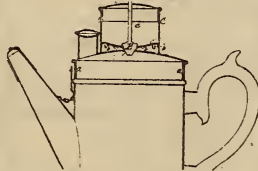
93,593. WILLARD P. BROOKS.
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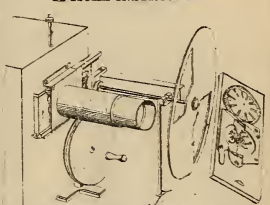
93,581. JOSEPH R. BAILEY.
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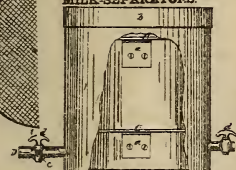
93,587. E. BLUNT, JR.
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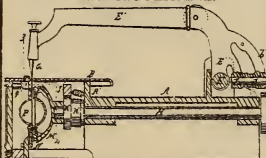
93,594. O. B. BROWN.
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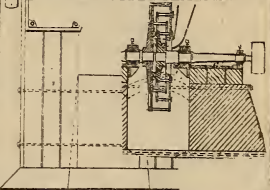
93,582. ANNA E. BALDWIN.
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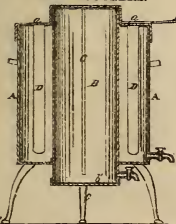
93,588. JOSEPH BOND, JR.
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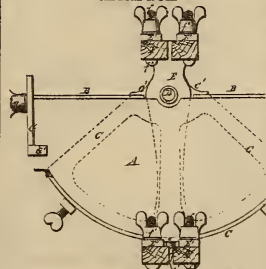
93,595. THOMAS CARR.
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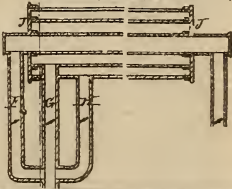
93,583. ANNA E. BALDWIN.
MILK-COOLERS.



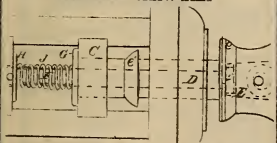
93,589. S. D. BOWKER.
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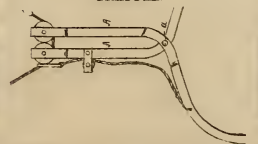
93,596. WILLIAM CARTER.
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93,584. DAVID S. BEALS.
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93,590. J. H. BRINTON.
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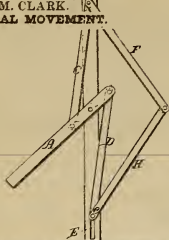


93,597. CHARLES CHINNOCK.
INJECTOR FOR INSECT-POWDERS

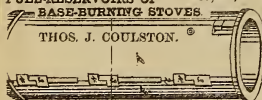


93,585. JACOB H. BEIDLER.
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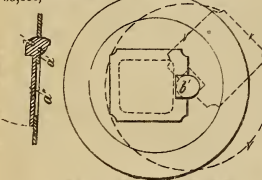
THOMAS J. CLARK. 93,598,
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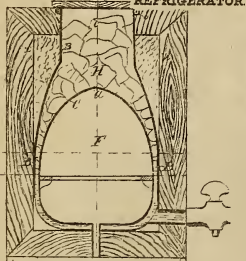
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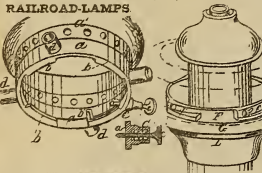
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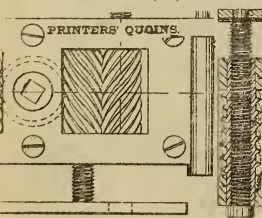
93,601, EDWD. J. CREASEY.
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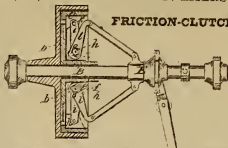
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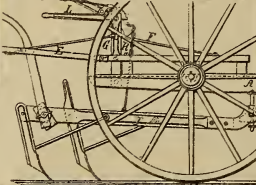
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93,604, GEO. D. EMERSON.
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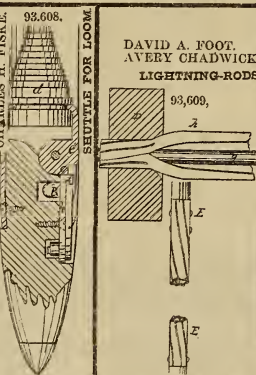


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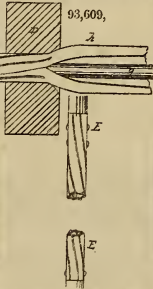


PERRY FINLEY. 93,606.
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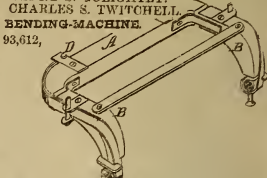
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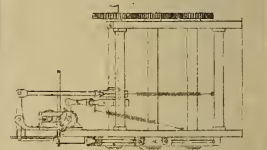
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93,609.



HENRY S. GOLIGHTLY.
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93,612.



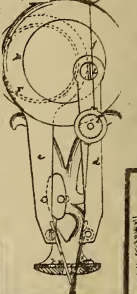
JAS. F. GRANNISS. 93,613.
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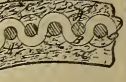
C. HAMMOND.
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93,614.



ANNA HANCOCK.
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93,615.



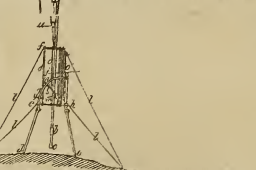
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93,616.



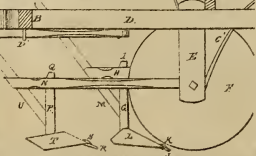
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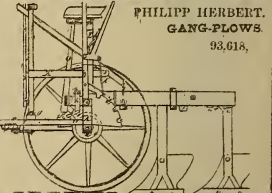
93,610,
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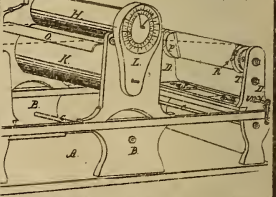
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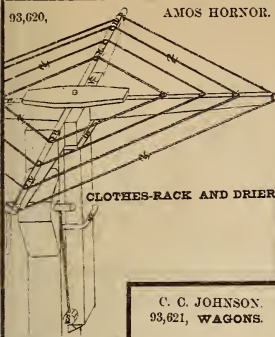


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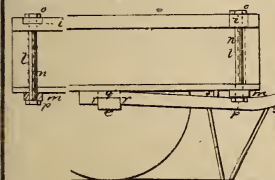
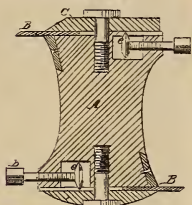
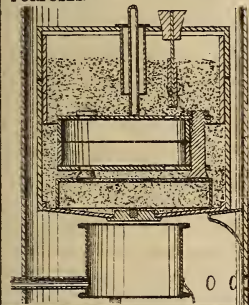


93,620,

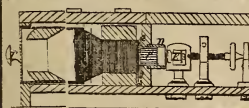
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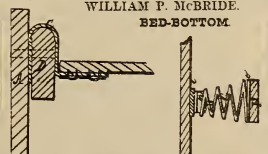
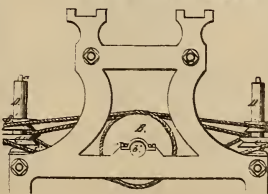
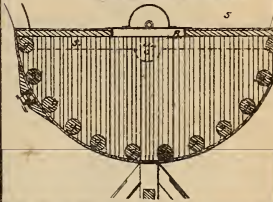
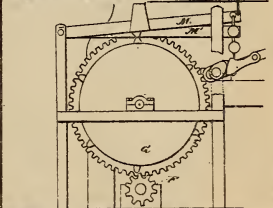
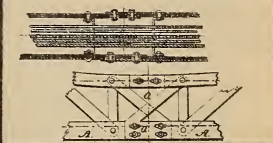
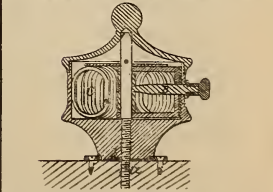
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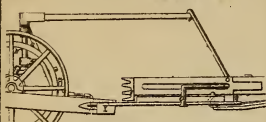
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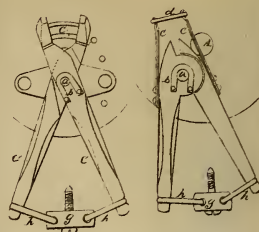
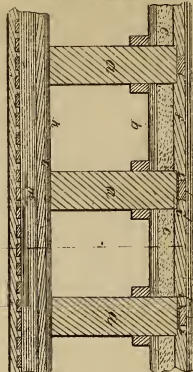
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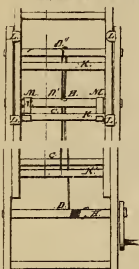
93,641, CLEANTHUS A. REED.
JAMES M. CAMPBELL.
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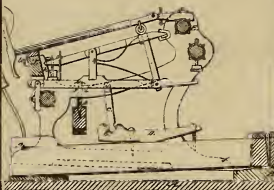
93,646, HAVILAH M. SMITH.
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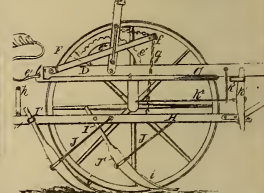
93,642, ARTEMAS ROGERS.
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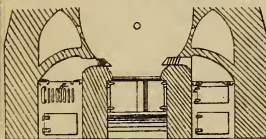
93,647, THEODORE STEINWAY.
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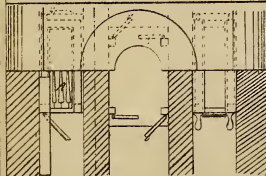
93,651, PIRAM J. WATTLES.
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93,643, JAMES M. ROHPER.
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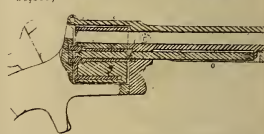
93,652, DWIGHT M. WELCH.
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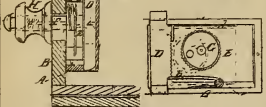
93,648, NATHAN B. TYLER.
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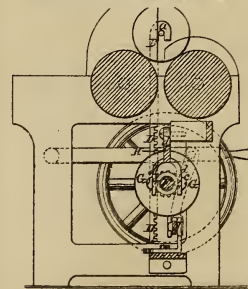
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93,653, REVOLVING FIRE-ARMS.



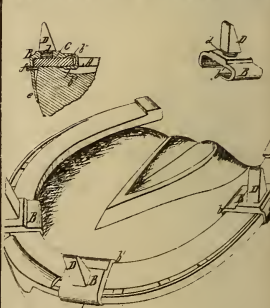
93,644, JOHN P. SCHMUCKER.
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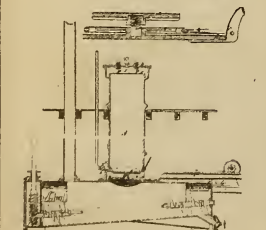
93,649, EDWARD VAN WINKLE.
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93,654, EDWARD WHITEHEAD.
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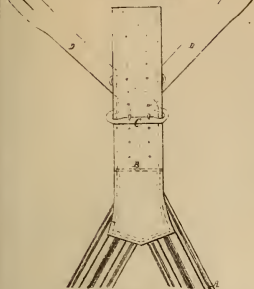
93,645, THOS. SIM.
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93,650, GEO. J. WARDWELL.
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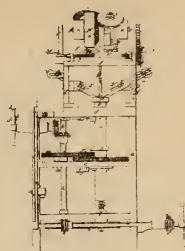
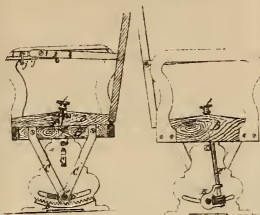
93,653, A. B. WILCOX.
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93,659. ABRAHAM B. McKEON.
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93,660, T. C. THEAKER.

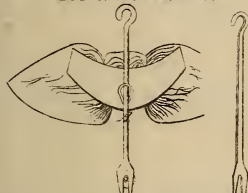
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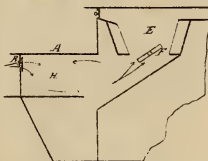
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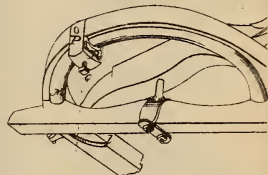
93,656, OMAR WILSON.
DEVICE FOR ADJUSTING AND
BUTTONING NECKTIES.



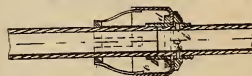
3,585. ELIZABETH HAWKS.
AUXILIARY AIR-CHAMBER FOR
STOVES, HEATERS, AND FURNACES



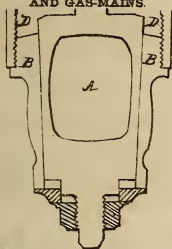
3,590 JOHN CURTIS.
CARRIAGES



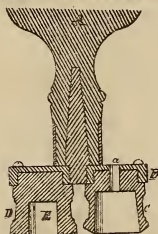
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3,591, PACKINGS FOR DEEP WELLS



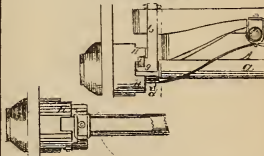
93,657, ORIN F. WOODFORD.
STOP-COCK BOXES FOR WATER
AND GAS-MAINS.



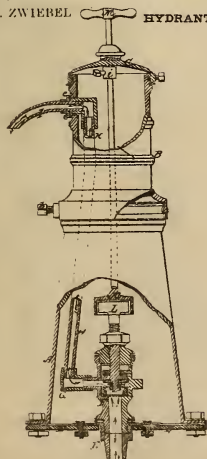
3,586. MARCUS P. NORTON.
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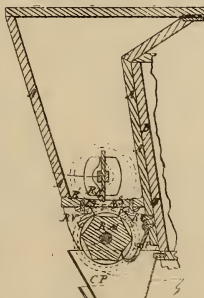
3,592 A. KESSBERGER.
WAGON-BRAKE.



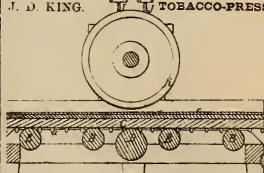
93,658, M. L. ZWIEREL.
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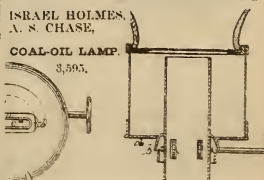
3,587, CALEB C. FOSTER.
FERTILIZER-ATTACHMENT



3,593, J. D. KING.
TOBACCO-PRESS.



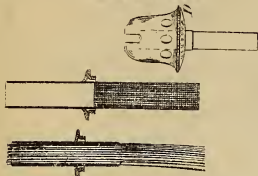
3,594, S. W. KIRK.
MODE OF PURIFYING CAST-IRON



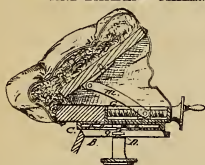
3,588. ANDREW R. ARNOLD.
MACHINE FOR MAKING TWIST-DRILLS

ILLUSTRATIONS OF PATENTS
ISSUED FROM
THE UNITED STATES PATENT OFFICE.
AUG. 17, 1869.

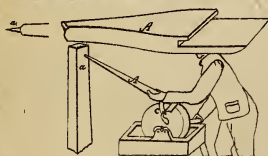
93,661, JOSHUA E. AMBROSE.
VAPOR-BURNERS.



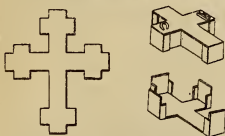
93,662, ROBERT W. ARCHER.
HEAD-REST FOR DENTISTS
AND BARBERS' CHAIRS.



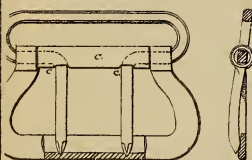
93,663, EGBERT BABCOCK.
THOMAS B. FARRELL.
TOOL-HOLDER FOR HOLDING TOOLS
WHILE BEING GROUND.



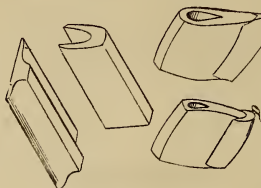
93,664, WILLIAM B. BENNETT.
MOUNTING ORNAMENTAL CROSSES.



93,665, HERMAN BERNHEIMER.
HENRY NEWMAN.
BUCKLES.

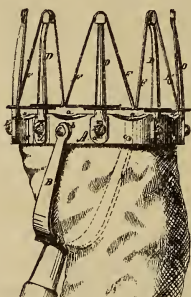


93,666, CHAS. BLAIR.
MANUFACTURE OF AXE-BITS.



93,667,

J. BOWLES.
FRUIT-GATHERERS.



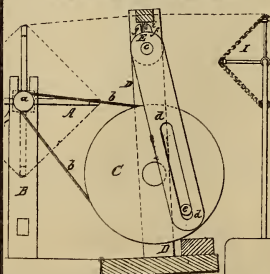
93,668, DANIEL BRASILL.
D. A. MULLANE.
BONE-BLACK EQUALIZER.



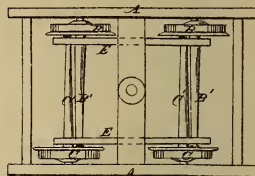
93,669, JOS. BUCHEL.
PLATE-HOLDER.



93,670, E. L. BUCKUP.
REEL FOR WINDING YARN.

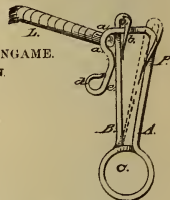


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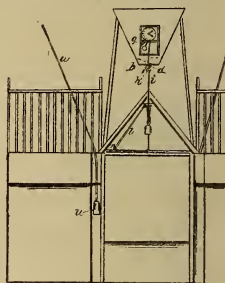


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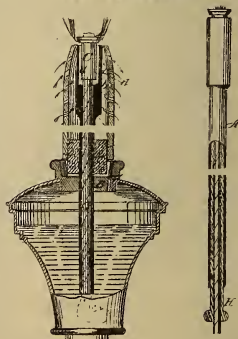
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CLOTHES-PIN.



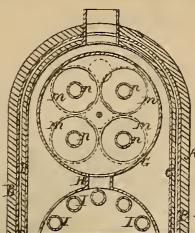
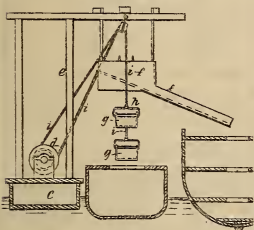
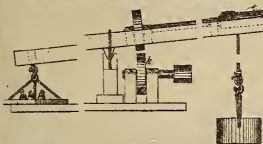
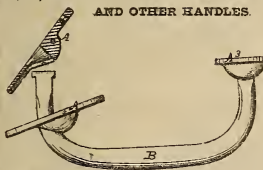
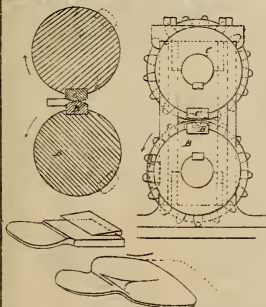
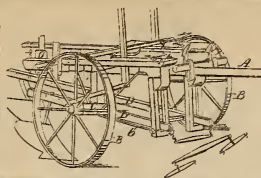
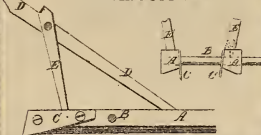
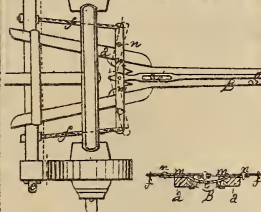
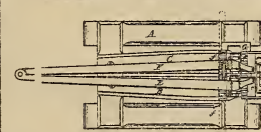
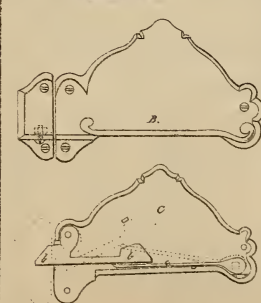
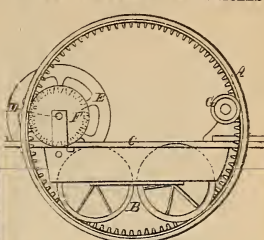
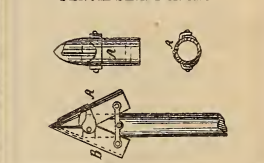
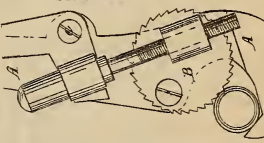
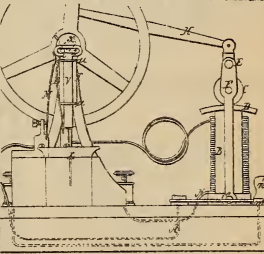
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MANGERS.



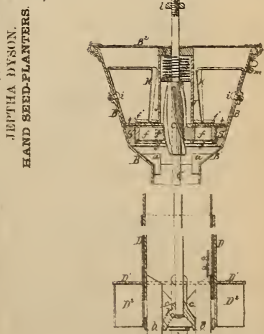
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VAPOR-BURNERS.

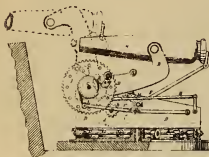
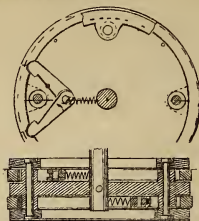
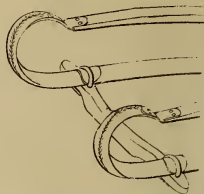
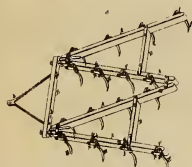
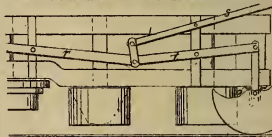
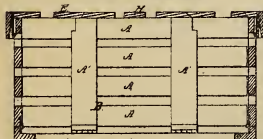
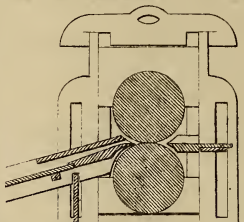
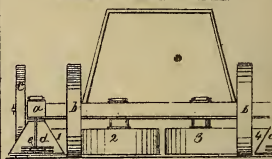
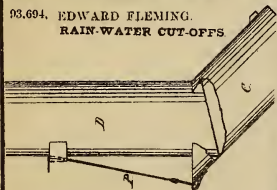
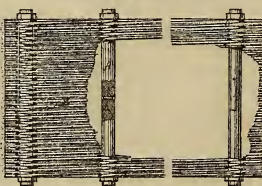
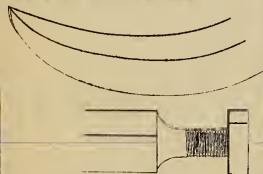


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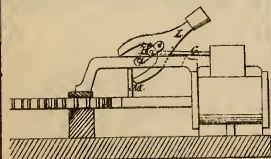
JOSEPH E. CHAPMAN.
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COAL-ELEVATORS.93,677, LEWIS S. CHICHESTER.
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GANG-PLOWS93,681, CHARLES CRENSHAW.
VINE-CUTTER.93,682, CONRAD J. CROUNSE.
WAGON-BRAKE.93,683, G. W. DALBEY.
MACHINE FOR UPSETTING TIRES.93,684, CHARLTON H. DAVIS.
ROCK-DRILL POINT.93,685, F. W. DEAN.
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93,690,

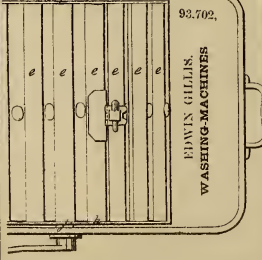
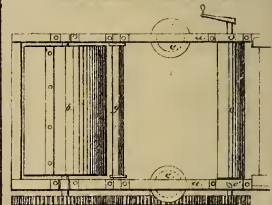
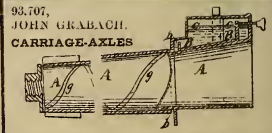
JEPHTHA DYSON.
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93,691. JAS. B. EADS.
GUN-CARRIAGES.93,697. L. P. GARNER.
STEAM-ENGINE-PISTON PACKING.93,703. J. W. GILMER,
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CARRIAGE-SPRINGS.93,692. EZRA EMMERT. CULTIVATOR
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SODA-FOUNTAINS.93,701. WILLIAM GERHARD.
FLOOR FOR MALT-KILNS.93,695. HENRY F. FRENCH.
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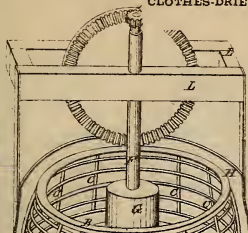
93,696. L. P. GARNER. STEAM-PUMP.



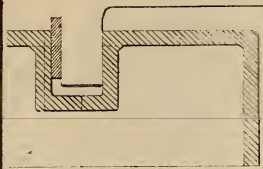
93,702. EDWIN GILLIS.

93,706. JAMES GLOBER.
MACHINE FOR PRESSING DOWN
THE SEAMS IN SHEET-METAL.93,707. JOHN GRABACH.
CARRIAGE-AXLES

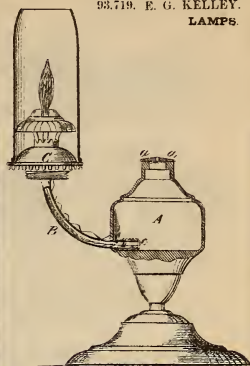
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CLOTHES-DRIER



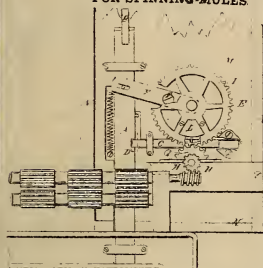
93,713, JAMES HENDERSON.
MANUFACTURE OF IRON AND STEEL



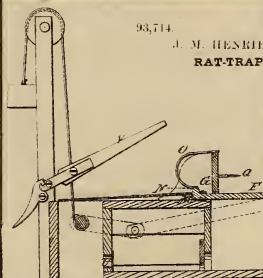
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LAMPS



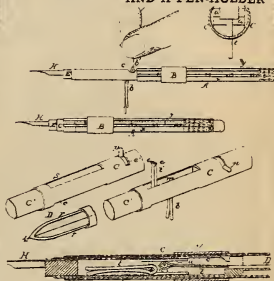
93,709, HENRY P. GREGORY
REGISTERING-APPARATUS
FOR SPINNING-MULES



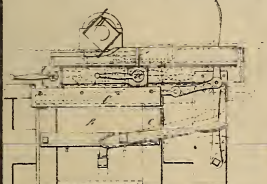
93,714
J. M. HENRIE.
RAT-TRAP.



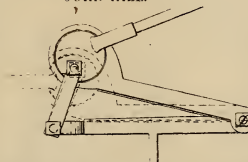
93,720, ROBT B. KEFNER.
COMBINING A LETTER-BALANCE
AND A PEN-HOLDER



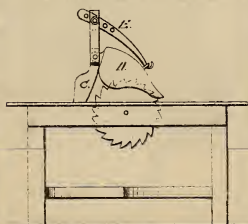
93,710, GEO. V. GRIFFITH, MACHINE
FOR FORMING PLOW-HANDLES



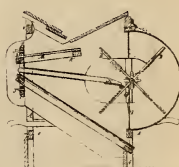
93,715, BENCH-SHEARS
JOHN HILL.



93,716, ISAAC HOLLIDAY.
GUARD FOR CIRCULAR SAWS



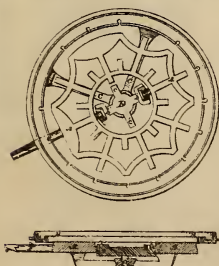
93,721, T. B. KIRKWOOD.
FANNING-MILLS.



93,711, JAMES MADISON HALE.
SASH-FRAME AND FASTENER

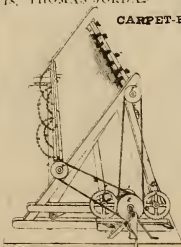


93,712, ROBERT HAM GRATES

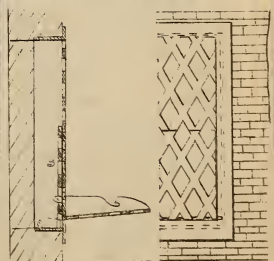


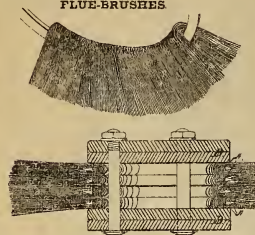
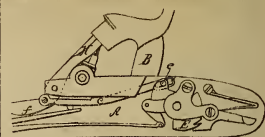
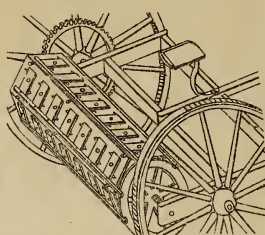
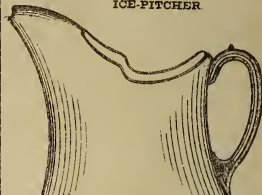
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REMEDY FOR MURRAIN IN CATTLE

93,718, THOMAS JORDAN
CARPET-BEATER

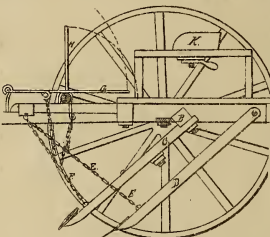
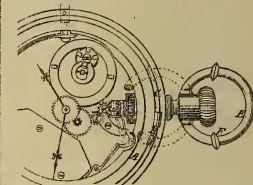
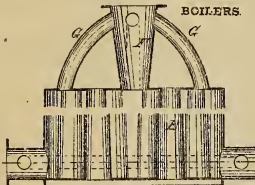
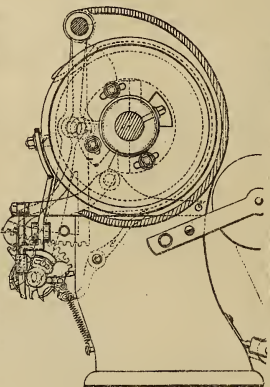
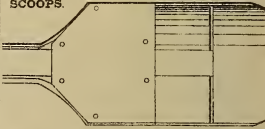


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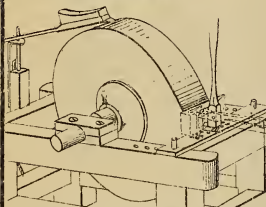
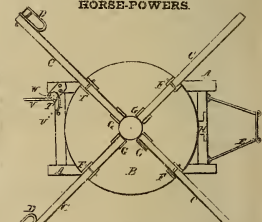
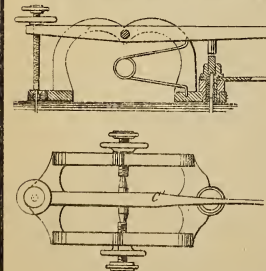
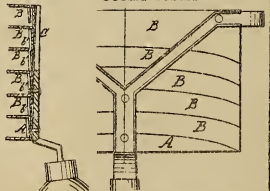
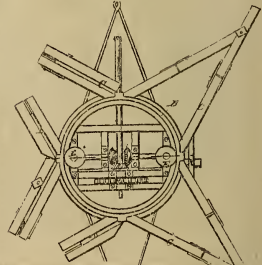


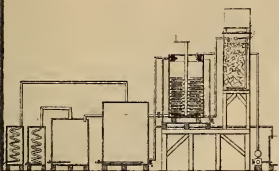
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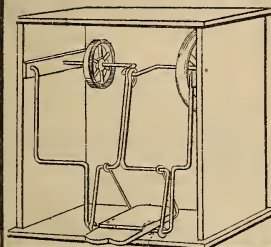
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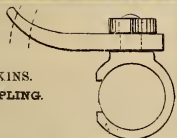
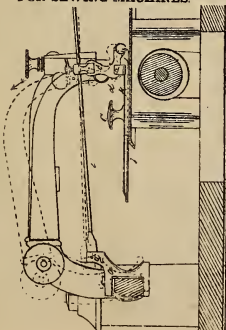
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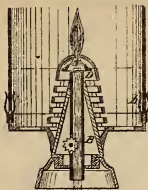
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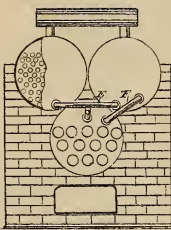
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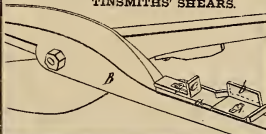
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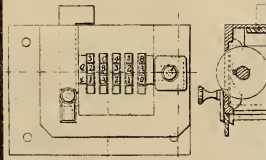
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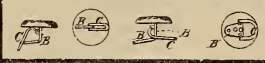


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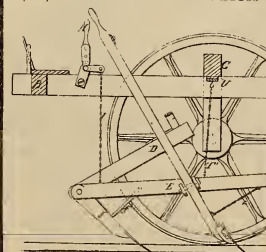
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93,748, JOHN L. REMLINGER. BUTTONS

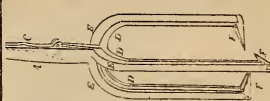
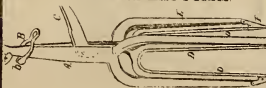


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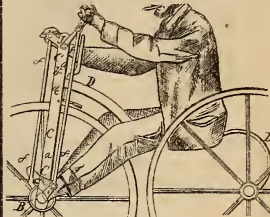
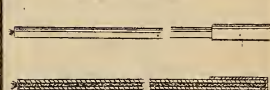
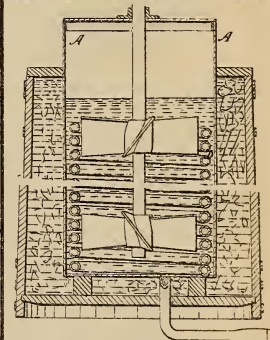
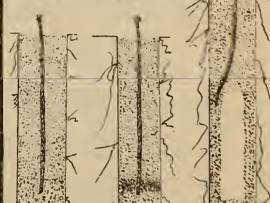


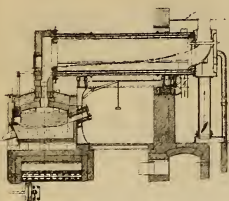
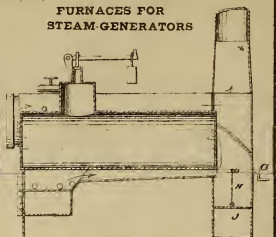
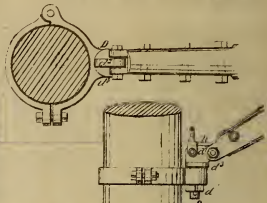
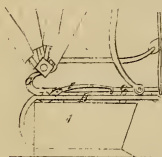
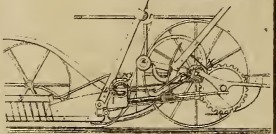
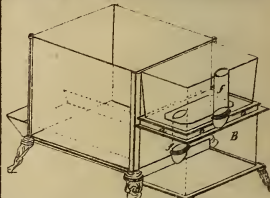
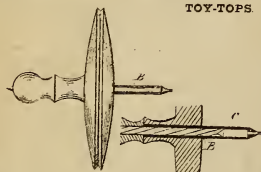
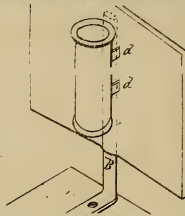
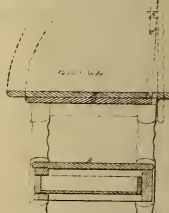
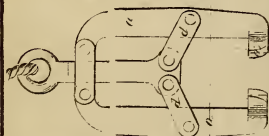
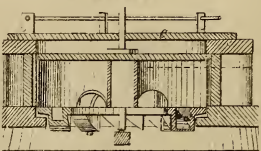
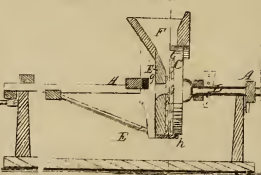
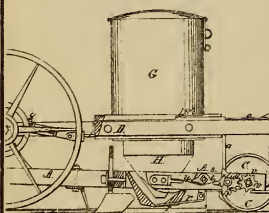
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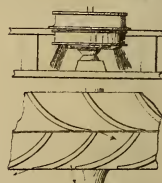
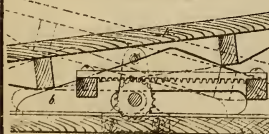


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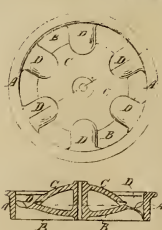
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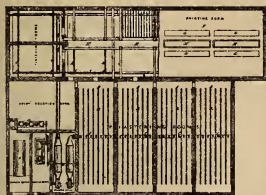
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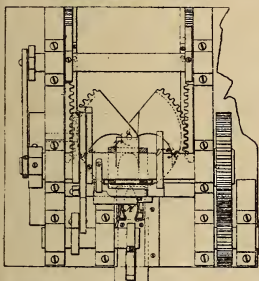
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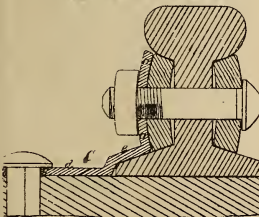
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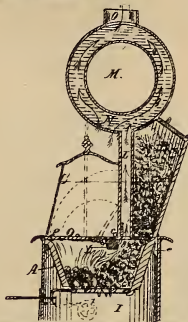


93,781. GEORGE A. WING.
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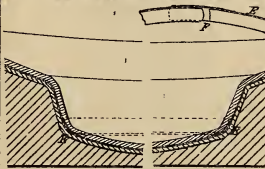


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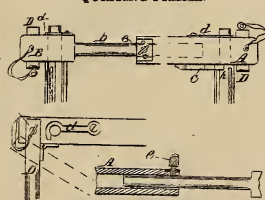
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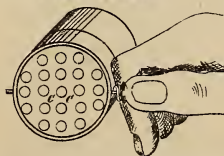
93,783. SAMUEL WING.
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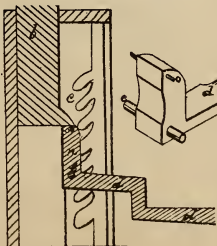


93,785. FERDINAND WOLF.
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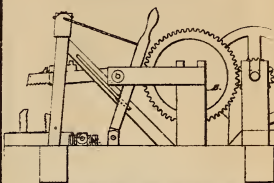
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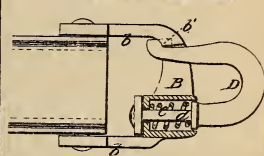


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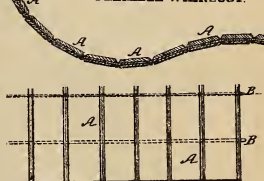
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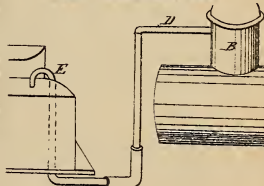
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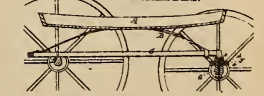
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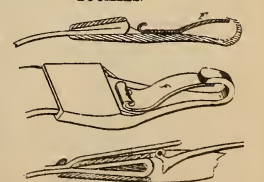
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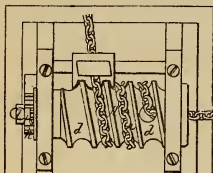
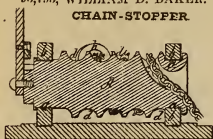


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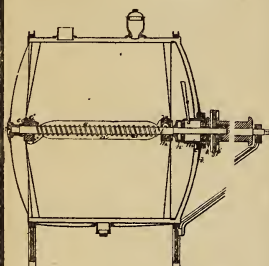
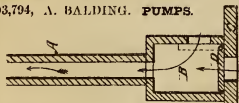
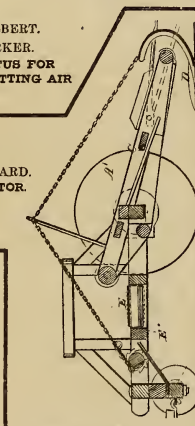
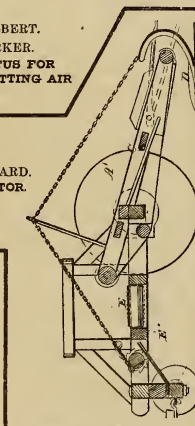
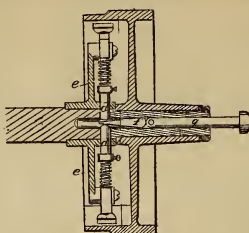


93,792. THEODORE BAILEY.
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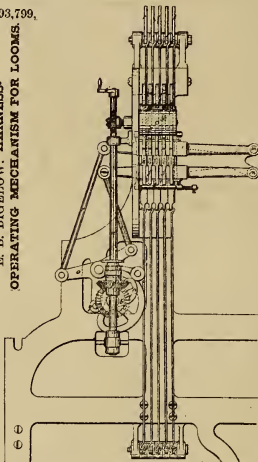
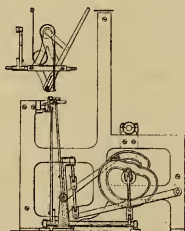
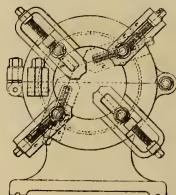
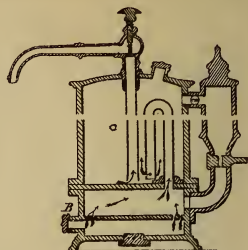
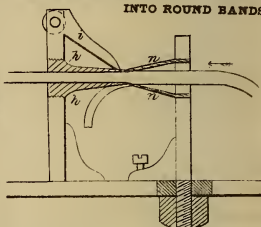


93,793, WILLIAM D. BAKER.
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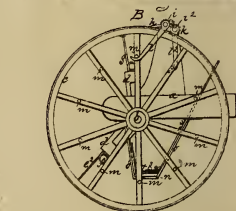
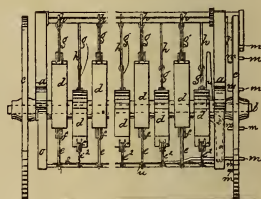
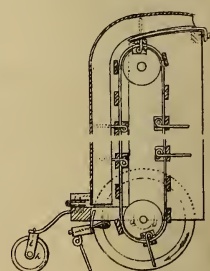
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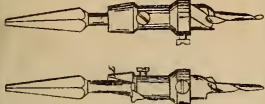
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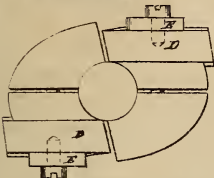
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93,807. WM. A. CLARK.
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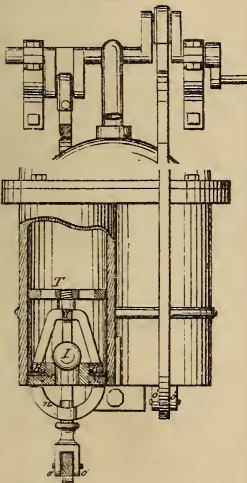
93,808. WM. A. CLARK.
HOLLOW AUGER.



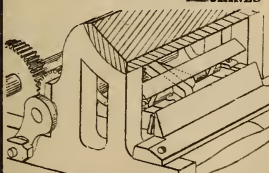
93,809. H. H. CORBIN. PAPER BOX.



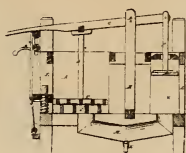
93,810. R. W. CROUSE.
PUMPS.



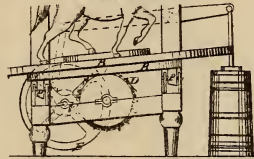
93,811. HORACE DANIELS.
MECHANISM FOR OPERATING
THE NIPPERS OF COMBING-
MACHINES.



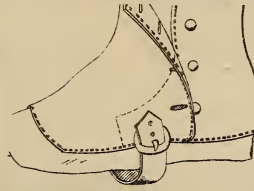
93,812. DAVID C. DELINGER.
WASHING-MACHINE.



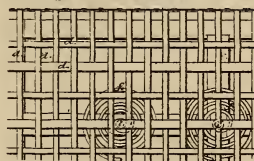
93,813. JOHN B. FASSETT.
HORSE-POWER.



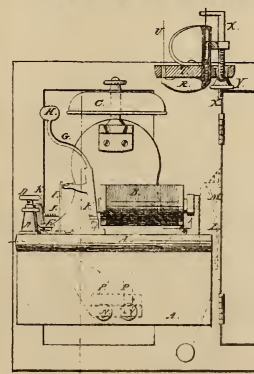
93,814. FRANK T. FERGUSON. SHOES.



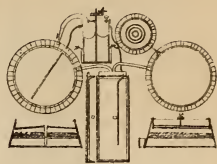
93,815. CHESTER D. FLYNT.
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93,816. EUGENE FONTAINE. ELECTRIC
FIRE AND BURGLAR-ALARMS.

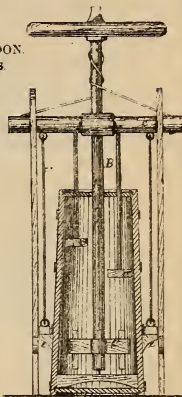


93,817. LEONARD D. GALE.
MANUFACTURE OF SUGAR OF
LEAD AND ACETIC ACID.

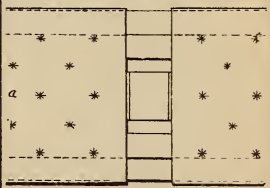


93,818.

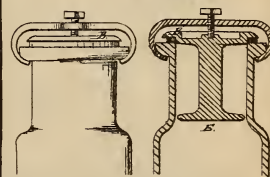
W. L. GORDON.
CHURNS.



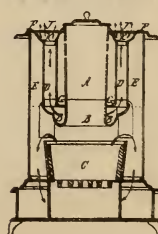
93,819. J. DURELL GREENE.
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93,820. CHARLES A. GREGORY.
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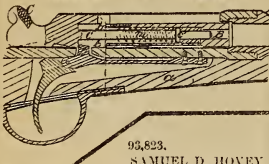


93,821. LUTHER W. HARWOOD.
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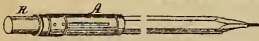
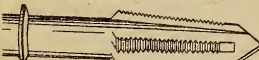


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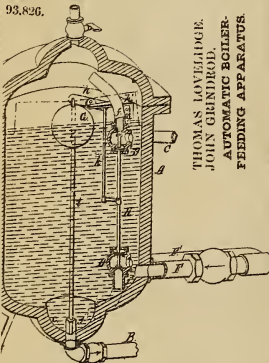
BREECH-LOADING FIRE-ARMS.



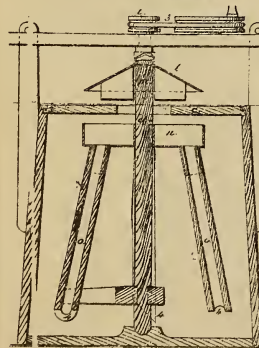
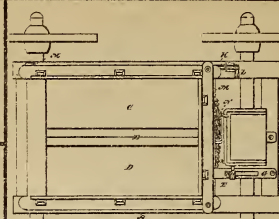
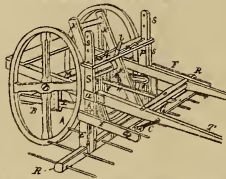
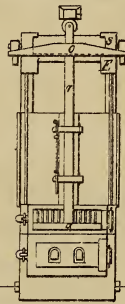
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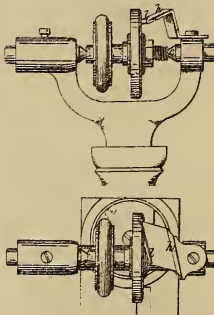
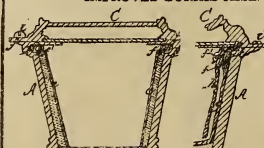
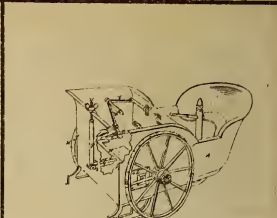
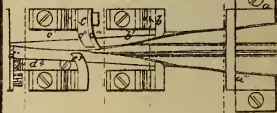
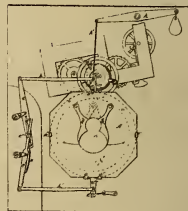
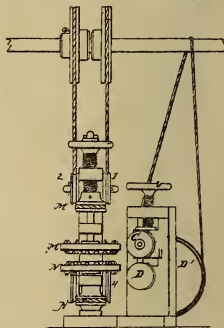
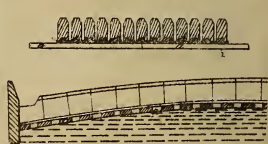
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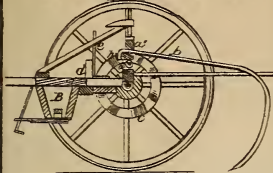
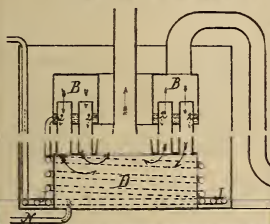
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93,827. ADDISON MOE. CHURNS.

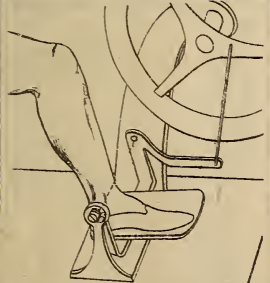
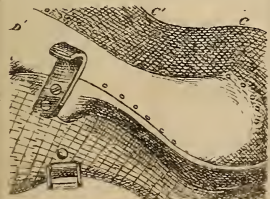
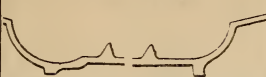
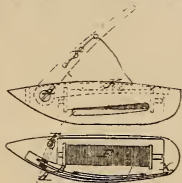
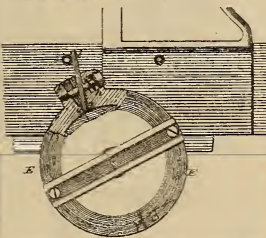
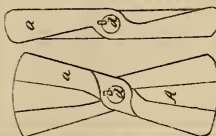
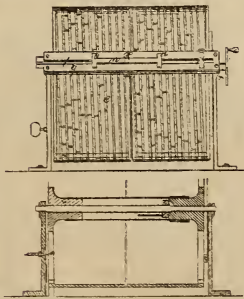
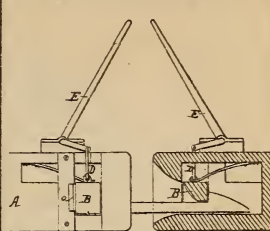
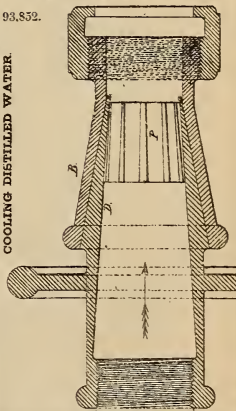
93,828. CYRUS T. MOORE.
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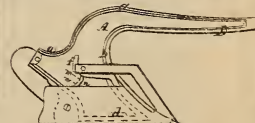
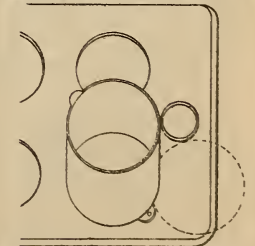
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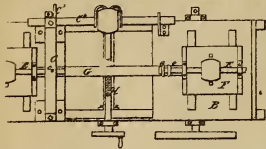
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93,843. JACOB STRAUS.
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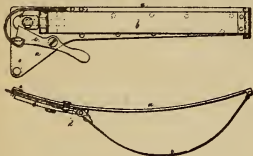
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93,854. JOHN S. BROOKS.
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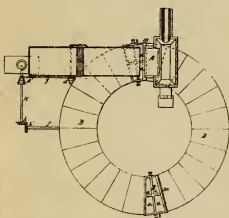
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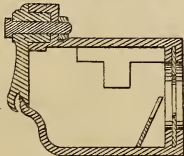
93,856. A. W. BROWNE.
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93,857. JAS. A. BURDEN.
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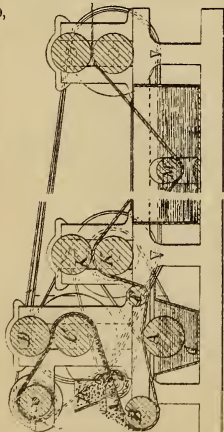


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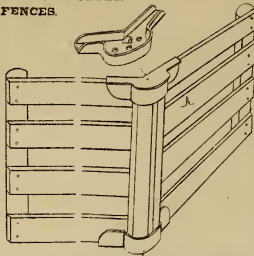


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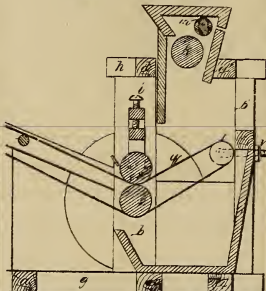
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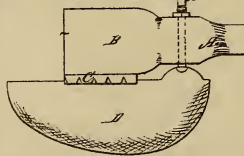
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JAMES M. CRULL.
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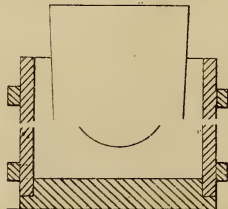
93,861. THEODORE F. DENISTON.
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JOHNSON J. DENISTON.
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93,862. JACOB J. DIEHL.
KITCHEN-UTENSIL.

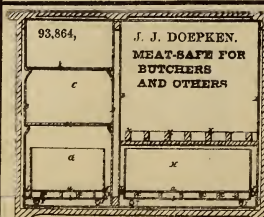


93,863. HENRY DISSTON.
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93,864.

J. J. DOEPKEN.
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AND OTHERS

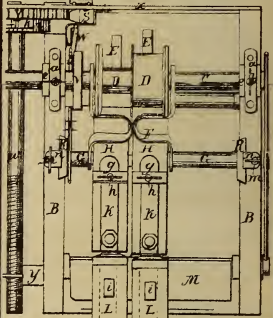


93,865. JOHN OTTO DONNER.
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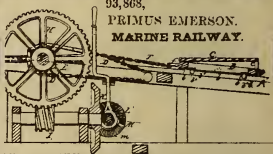
93,866.
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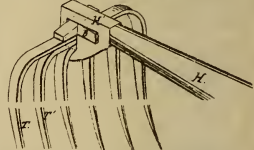
93,867.
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93,868.
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93,869. JOHN H. FOSTER.
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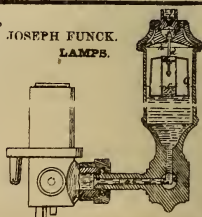


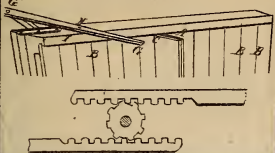
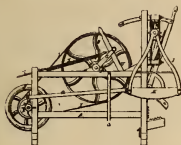
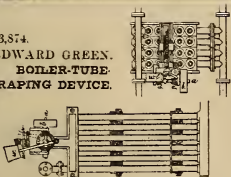
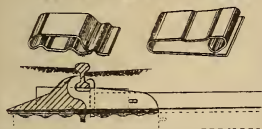
93,870. GEORGE FRAUENBERGER.
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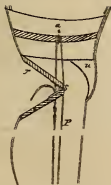
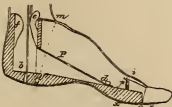
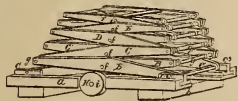
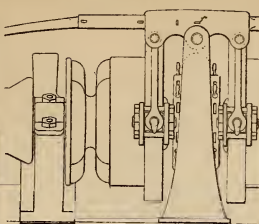
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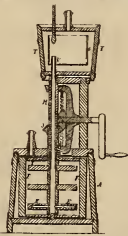
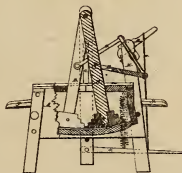
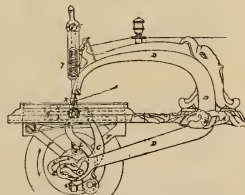
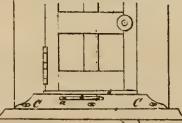
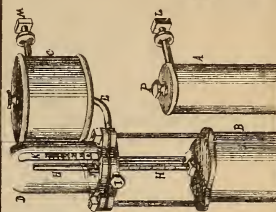


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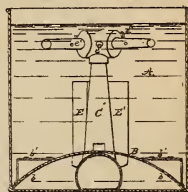
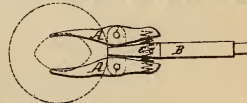
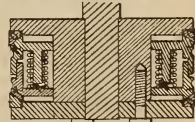
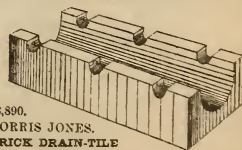
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NORRIS JONES.
BRICK DRAIN-TILE

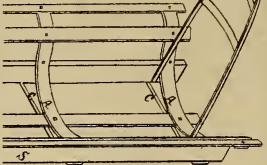
93,891, BALTHASAR KREISCHER.
BURNING-KILNS.



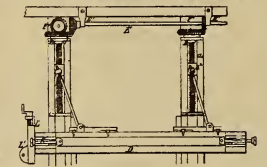
93,896, SIDNEY S. MARQUES.
KNIFE FOR SEEDING STONE-FRUIT.



93,897, DAVID MATTESON.
HAT-RACKS.



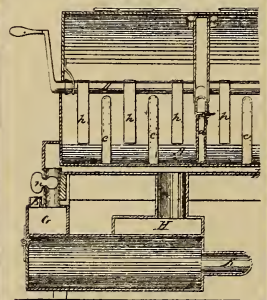
93,898, RICHARD MORGAN.
STONE-SAWING MACHINE.



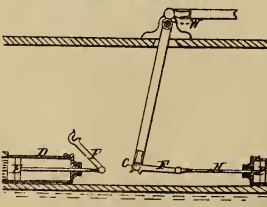
93,899, A. L. NOLF, F. L. A. PIOCHE.
IMPROVED PROCESS OF TREATING
ORES WITH COPPER-AMALGAM
BY MEANS OF ELEC. TRIC CURRENTS

93,900, ALFRED PARAF.
MATERIAL FOR DYEING AND
PRINTING, OBTAINED FROM Madder

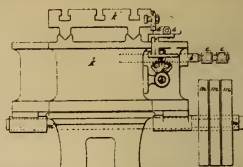
93,901, JOHN W. PERRY.
FEATHER-RENOVATORS.



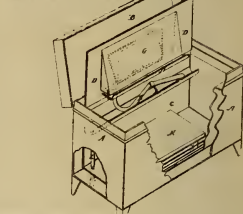
93,902, FREDERICK R. PIKE.
PROPELLING-APPARATUS.



93,903, FRANCIS A. PRATT.
MACHINES FOR PLANING METAL

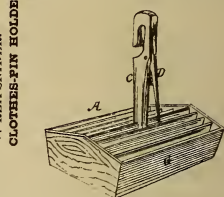


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REFRIGERATORS.



93,905,

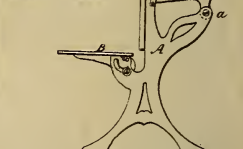
V. REFSNIDER.
CLOTHES-PIN HOLDER.



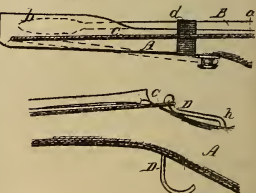
93,906,
EZRA RIPLEY.
TOOL-HOLDER.



93,907,
A. E. ROBERTS.
SCHOOL-DESK.

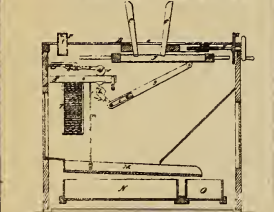


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ARROW-GUN.

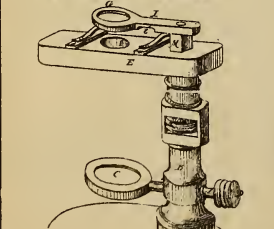


93,893, JOHN LEMMAN.
MOULDING CHAIR-BACKS.

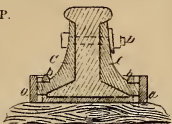
93,894, AL. LETOREY.
MACHINE FOR CUTTING AND
REDUCING LOAF-SUGAR.



93,895, JAMES H. LOGAN.
SINGLE MICROSCOPES

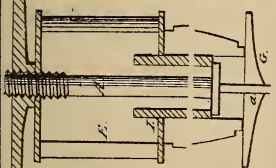


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JOHN C. RUPP.
RAILWAY
RAIL-SPLICE.

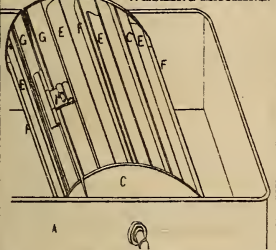


93,910, N. C. RUSSELL.
PROCESS OF TREATING LEATHER SO
AS TO RENDER IT SUITABLE FOR
THE MANUFACTURE OF GLOVES.

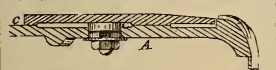
93,911, CHARLES SEARLE.
APPARATUS FOR REMOVING AXLE
BOXES FROM CARRIAGE-HUBS.



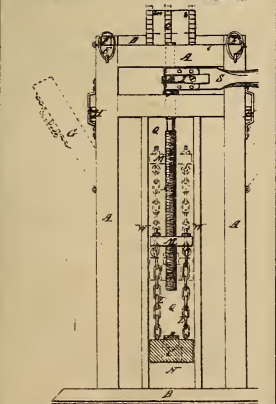
93,912, D. P. SHAW, J. S. CLARK.
WASHING-MACHINE.



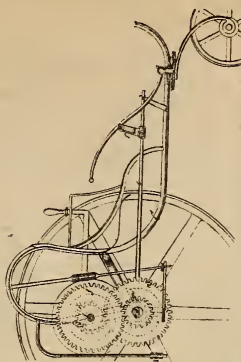
93,913, HENRY SHAW. GRINDING-MILL.



93,914, WILLIAM E. SHEFFIELD.
HAY AND COTTON-PRESSES.



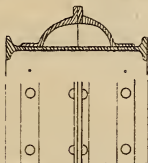
93,915, LOUIS TH. SIMON.
VELOCIPEDS.



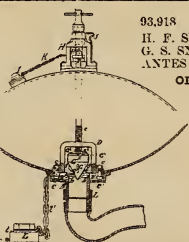
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LOUIS TH. SIMON.
ROCKING-CHAIR FAN.



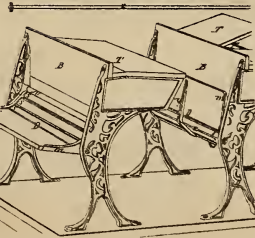
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C. SHALER SMITH.
CHORD FOR BRIDGES.



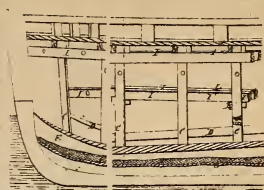
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H. F. SNYDER.
G. S. SNYDER.
ANTES SNYDER.
OIL-TANKS.



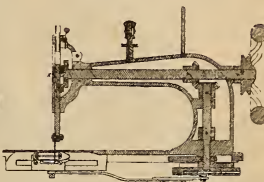
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SCHOOL-DESK AND SEAT.



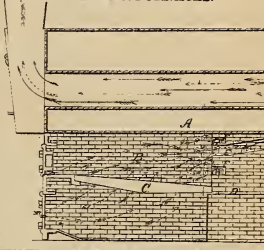
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93,921, NESBITT D. STOOPS.
JOHN J. SIBLEY.
SEWING-MACHINE.



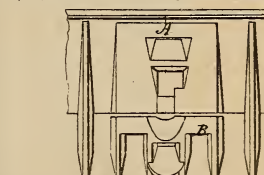
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BOILER-FURNACES.



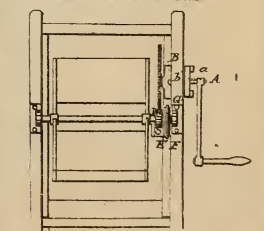
93,923, A. TAGANT, P. SCHÜLER.
"SALT-STONE" FOR SALTING
CATTLE AND OTHER ANIMALS

93,924, A. M. TODD, J. P. TODD.
COMPOSITION-LETTER FOR SIGNS.

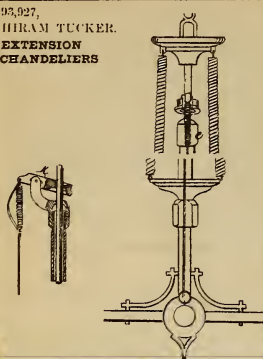
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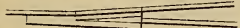
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GRAIN-SEPARATORS



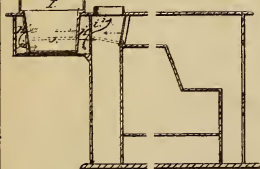
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HIRAM TUCKER.
EXTENSION
CHANDELIERS



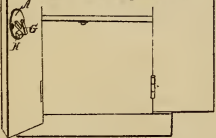
93,928 WM. TUTTLE.
TURNOUT FOR STREET-RAILWAYS.



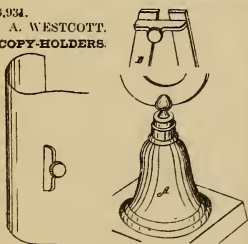
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COOKING-STOVE.



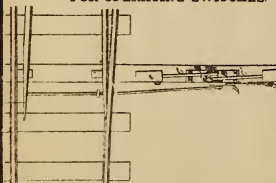
93,930, A. WESTCOTT.
SHUTTER-FASTENING.



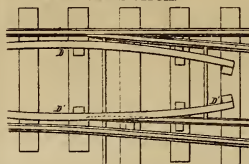
93,934.
A. WESTCOTT.
COPY-HOLDERS.



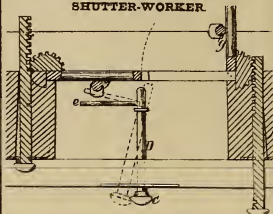
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FOR OPERATING SWITCHES.



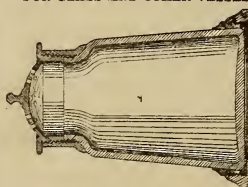
93,933, WM. WHARTON,
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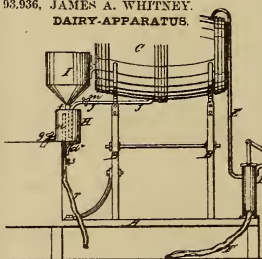
93,934. JACOB W. WHEELER.
SHUTTER-WORKER.



93,935, G. C. WHITE. METALLIC BASE
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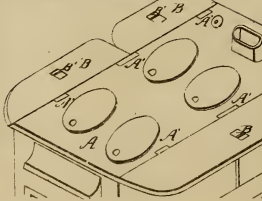
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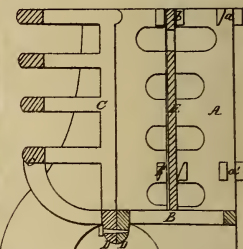
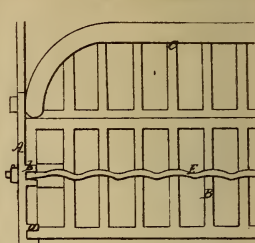
93,937 DANIEL A. WILCOX.
CENTRING-AWL.



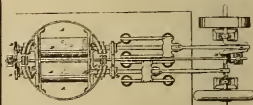
93,938, W. F. WILLIAMS.
COOKING-STOVE.



93,939, WALTER SAMUEL WITHERS.
FIRE-PLACE GRATE.

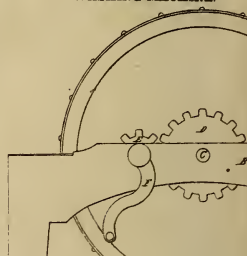


93,940, G. W. WRIGHT.
STEAM-ENGINES



93,941, DAVID YOUNG.
COMPOSITION FOR PLASTERING
WALLS.

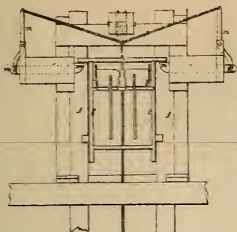
93,942, FRIEDRICH BRINCKMAN.
WASHING-MACHINE.



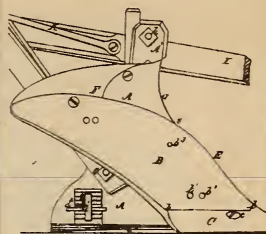
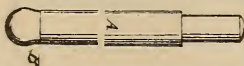
93,943, FREDERICK OAKLEY.
LOCK-NUT.



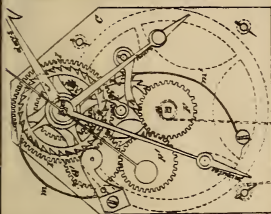
3,586. GEORGE AMBROSE.
EDWARD HAGAN.
HOISTING-APPARATUS.



3,604 H. T. CUSHMAN.
COMPOSITION PAPER-POLISHER.



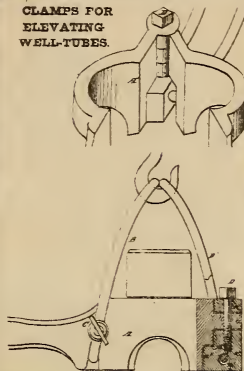
3,606. J. B. MAYER. CLOCKS.



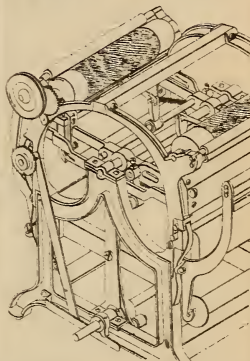
3,597. D. R. AVERILL.
IMPROVEMENT IN PAINT.

3,598. D. R. AVERILL.
IMPROVEMENT IN PAINT.

3,605. DANIEL FISHER.
CLAMPS FOR
ELEVATING
WELL-TUBES.



3,610. MILTON D. WHIPPLE.
MACHINE FOR COMBING COTTON

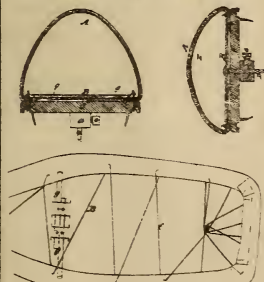


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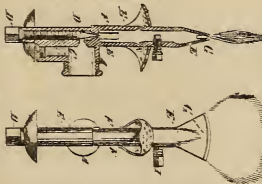
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3,601. D. R. AVERILL.
MANUFACTURE OF PAINTS.

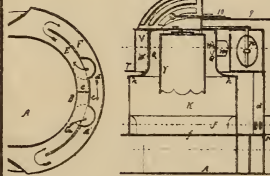
3,602. CHARLES RUFFUM.
IMPROVEMENT IN SHOES.



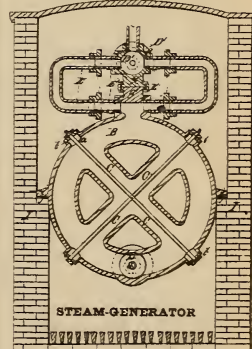
3,607. JAMES D. SMITH.
VAPOR-BURNERS.



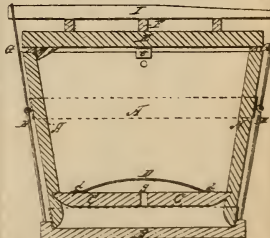
3,608. DAVID STUART.
RICHARD PETERSON.
BASE-BURNING FIRE-PLACE STOVE.



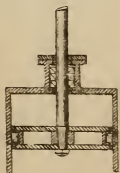
3,611. JAMES P. WOOD.
JOSEPH WOOD.



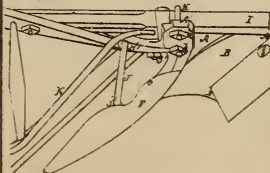
3,612. B. P. VAN MARTER.
DISTILLING ESSENTIAL OILS.



3,603.
ORLO CADY.
WM. W. WOOD.
SLIDE-VALVES

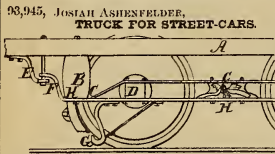


3,609. GEO. WATT. PLOWS

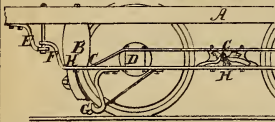


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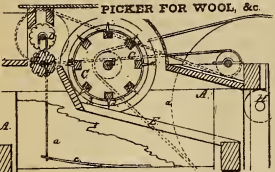
93,944, SMITH D. ARNOLD.
MANUFACTURE OF BRICKS.



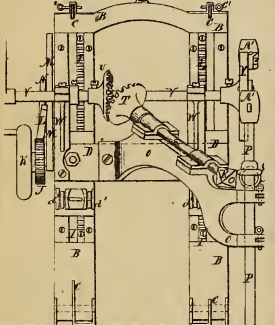
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TRUCK FOR STREET-CARS.



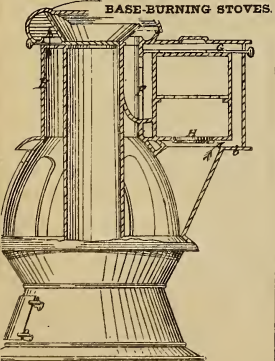
93,946, HARRIS W. AXFORD.
PICKER FOR WOOL, &c.



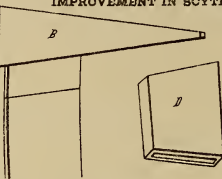
93,947, WILLIAM F. BANKS.
ROCK-DRILLING APPARATUS.



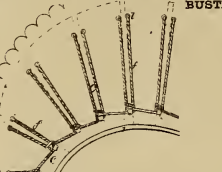
93,948, M. R. BARR.
WM. T. BLACK.
BASE-BURNING STOVES.



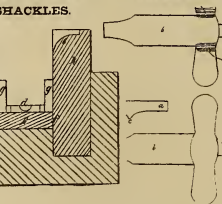
93,949, JOHN F. BARTLETT.
IMPROVEMENT IN SCYTHES.



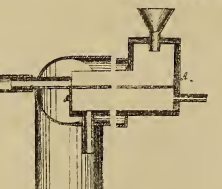
93,950, MYRON H. BECKWORTH.
BUSTLES



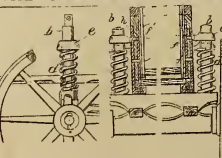
93,951, HENRY M. BEECHER.
DIE FOR FORMING CARRIAGE-SHAFT
SHACKLES.



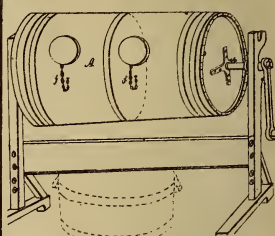
93,952, H. J. BERG.
REMOVING BENZINE FROM
HYDROCARBONS



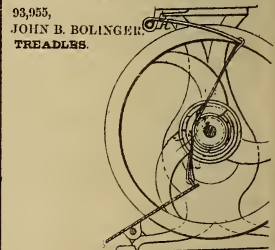
93,953, NORBORNE BERKELEY.
DEVICE FOR SUPPORTING WAGON-BED



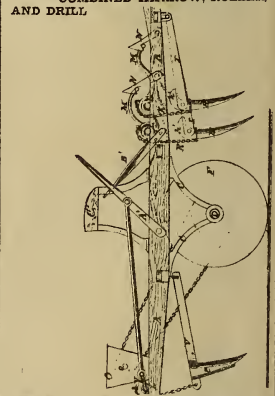
93,954, GEORGE M. BOULENDER.
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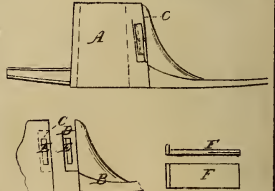
93,955, JOHN B. BOLINGER.
TREADLES.

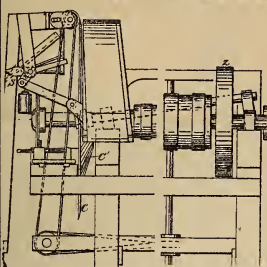
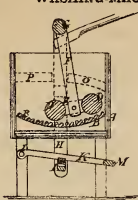
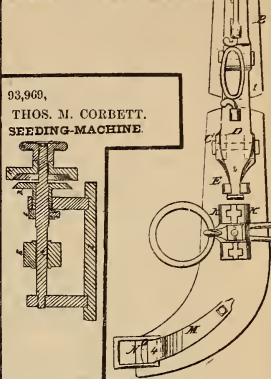
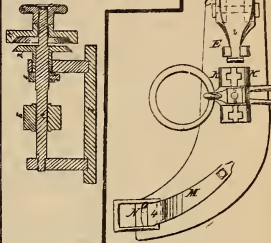
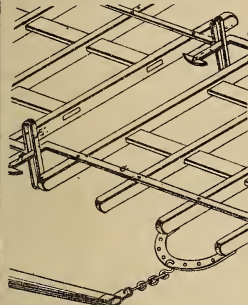
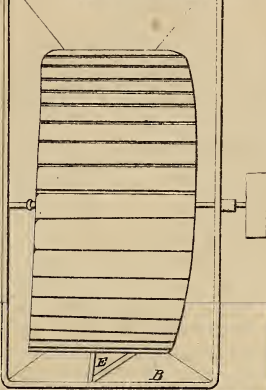
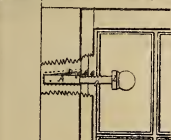
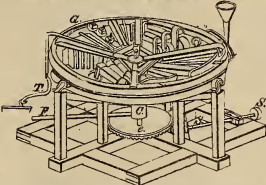
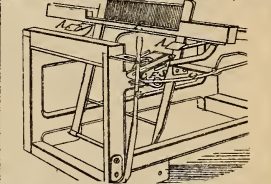


93,956, SAMUEL BRADBURY.
COMBINED HARROW, ROLLER,
AND DRILL

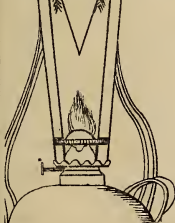
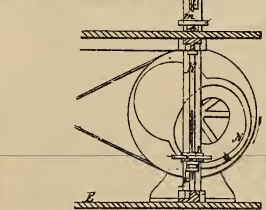


93,957, PETER H. BRADLEY.
IMPROVEMENT IN ADZE.

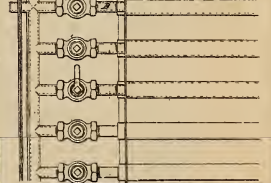
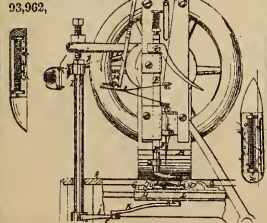
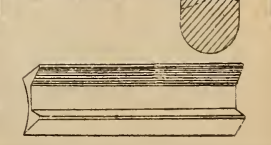


93,958, EDMUND A. BRIMSON.
CORK-CUTTING MACHINE.93,967, C. A. CALAWAY.
WASHING-MACHINES.93,968, HOWARD CONNICK.
HORSE-COLLAR AND HAMES.93,969, THOS. M. CORBETT.
SEEDING-MACHINE.93,959, HARROW. THOMAS S. BROWN.
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CLOTHES-DRIER.93,960, GEO. F. BROWN.
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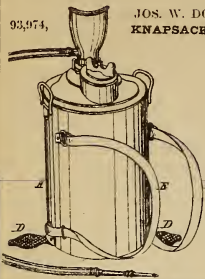
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93,961,
WILLIS L. BROWN.ANDREW M. CHEESEMAN. 93,966,
MAKING POTTERY.

93,972, SILAS R. DIVINE.

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SEWING-MACHINE.93,967, IMPROVED VELOCIPED.
A. COMBS.93,973, JACOB DODDER.
WAGON-TIRE.

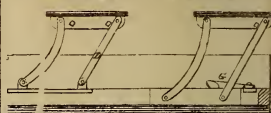
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JOS. W. DOUGLAS.
KNAPSACK-ENGINE

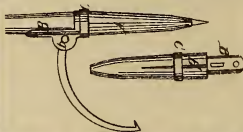
93,980,

B. FINCKE, M. D.
PROCESS OF PREPARING
HOMOEOPATHIC MEDICINES

93,987,

W. H. GREGG.
WILLIAM BOWE.
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93,981,

CANT-HOOKS. O. P. FRANTZ.
E. BROAD.

93,988,

JNO. F. GRIFFEN.
MANUFACTURE OF ROSIN
AND SPIRITS OF TURPENTINE

J. S. DU BOIS

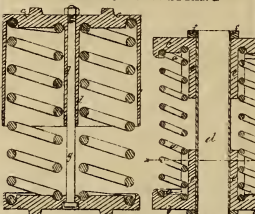
93,975, RAILROAD-CAR SPITTOON.



93,982,

DR. FRANCIS FRISIANI.
MEDICAL COMPOUND FOR TREATING
THE ORGANS OF VOICE.

93,983,

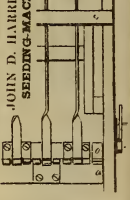
P. G. GARDINER.
RAILWAY-CAR SPRING

M. C. HAWKINS.

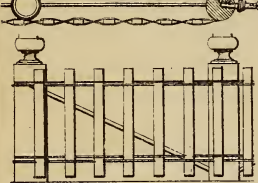
93,990, PUMPS



93,989,

JOHN D. HARRISON.
SEEDING-MACHINES

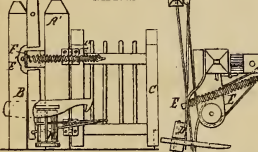
D. W. EATON. 93,976,

DEVICE FOR TIGHTENING
WIRE FENCE.

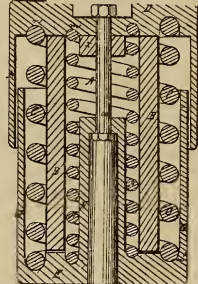
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J. H. HAYNES.
VELOCIPEDE

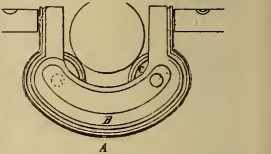
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STEPHEN ELLIOTT.
GATES

93,984,

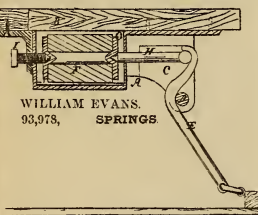
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RAILWAY-CAR SPRING

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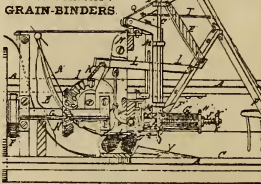
HENRY HEMPSTEAD.
OAR-LOCKS

WILLIAM EVANS.

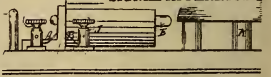
93,978, SPRINGS

N. F. GILMAN.
GRAIN-BINDERS

93,985,



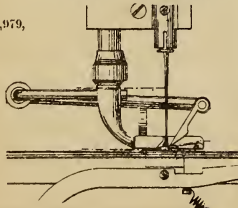
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GEO. B. HICKS.
ELECTRO-MAGNETIC
SIGNAL-APPARATUS

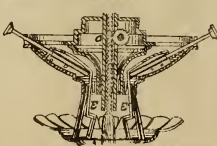
ALFRED EVERISS

GATHERING-ATTACHMENT
FOR SEWING-MACHINES

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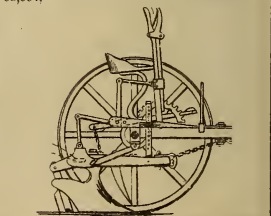


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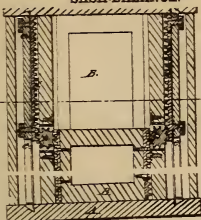
WM. GRAYSON.
C. D. HYNDMAN.
LAMP-EXTINGUISHERS

93,994,

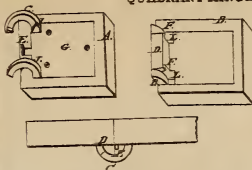
LEAVITT HUNT. PLOWS



93,993,

S. W. HUNTINGTON.
SASH-BALANCE.

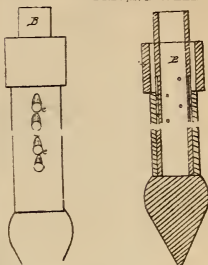
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NATHANIEL JONES.
QUADRANT-HINGE.

94,006,

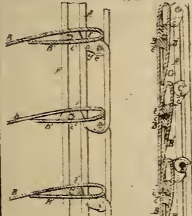
JOHN W. KING.
CURTAIN-FIXTURE.

94,007,

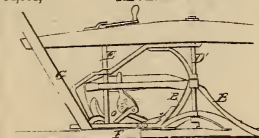
D. R. KNIGHT.
DRIVING WELL-TURES.

93,996,

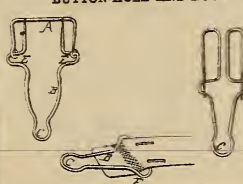
B. A. JENKINS. WINDOW-SHUTTER.



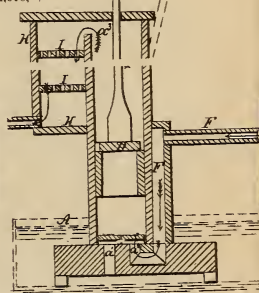
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JOHN W. JONES.
REVERSIBLE FLOW.

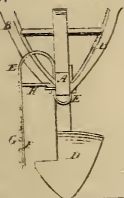
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LOUIS A. KETTLE.
BUTTON-HOLE AND BUCKLE.ADONIS LABAUVE.
ACID GAS.

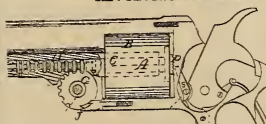
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93,997,

GREGORY JENNINGS.
SHOVEL-FLOWS.

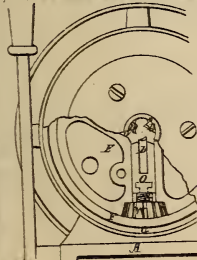
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CHARLES A. KING.
REVOLVING FIRE-ARMS.

94,009,

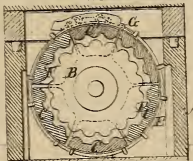
JACOB LAGOWITZ.
WOODEN TRUNKS.

93,998,

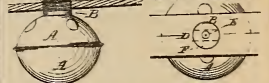
WM. JOHNSON.
BOLT-THREADING MACHINE.

94,004,

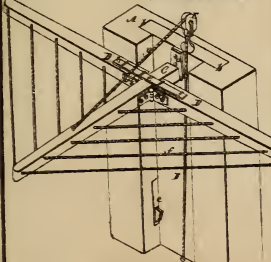
J. B. KING. WASHING-MACHINE.



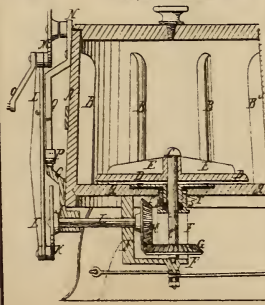
94,010,

GEO. W. LAMB.
SLEIGH-BELLS.

93,999,

LUTHER N. JOHNSON.
BENTON SULLOWAY.
CLOTHES-DRIER.

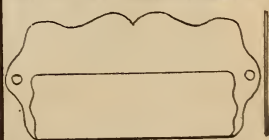
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ALEXANDER KING.
GEORGE H. KING.
WASHING-MACHINE.

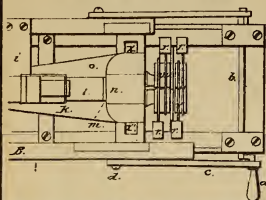
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JOHN M. LEMON.
FLOOR-CATCH FOR TABLE-LEGS.

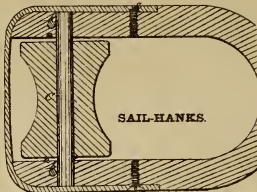
94,012,

GEO. W. ROSS LEWIN.
DEVICE FOR FOLDING LETTERS, &c.

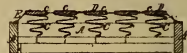
94,013, T. S. LEWIS.
MACHINE FOR REMOVING GREEN
CORN FROM THE COB.



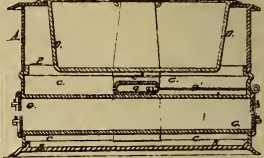
94,018, WILLIAM McKAY.



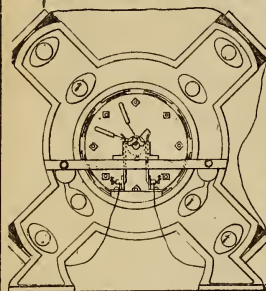
94,023, EDWARD PERRY.
SPRING-BED BOTTOM.



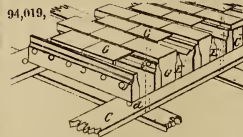
94,026, JOHN S. PERRY.
PORTABLE HEATING-ATTACHMENT
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94,014, D. LONTIN,
CH. D'IVERNOS.
MAGNETO-ELECTRIC MACHINES.



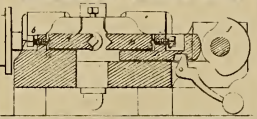
A. R. McNAIR. WOOD PAVEMENT.



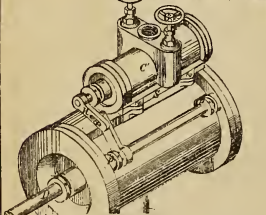
94,019, SPRING-BED BOTTOM.



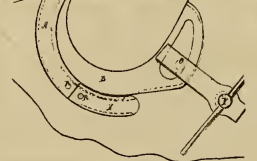
94,021, D. G. MORRIS.
MACHINE FOR HEADING BOLTS.



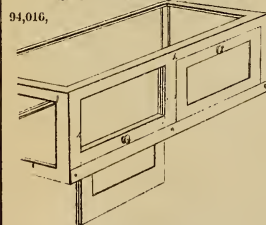
94,015, JAMES R. MAXWELL,
EZRA COPE
STEAM-ENGINES.



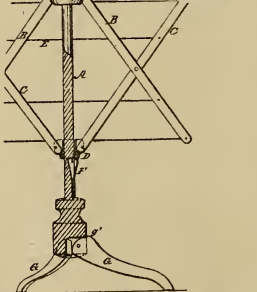
94,022, JONAH NEWTON.
SAW-TEETH



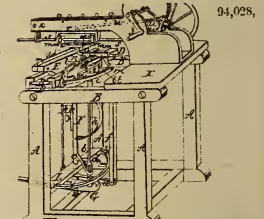
94,016, NOAH MAYO,
EBEN S. MORSE.
SHOW-CASE FOR COUNTERS.



94,023, GEORGE OLDHAM.
CLOTHES-DRIER



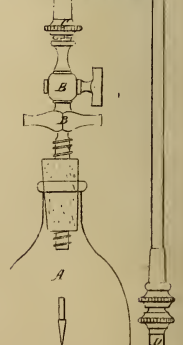
GEORGE PRICE SAW-SHARPENERS.



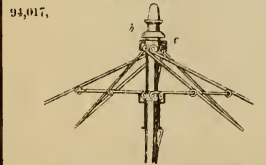
APPLICATION OF CARBONATED
WATERS IN MEDICINE AND
SURGERY.

A. D. PUFFER.

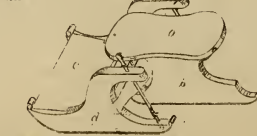
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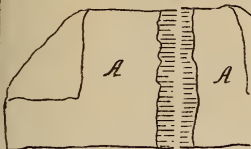
94,017, THOMAS McCREARY.
UMBRELLAS.



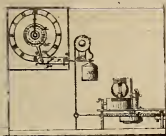
94,024, S. H. PARTRIDGE.
SLEDS.



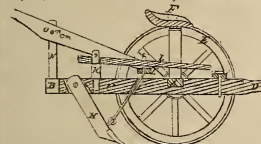
94,030, JAMES RESTEIN.
FABRIC FOR THE MANUFACTURE
OF COLLARS, CUFFS, &c.



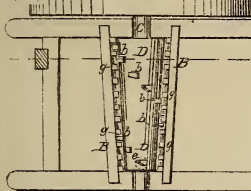
94,031, LAMP-LIGHTERS.
JOHN RIGBY.



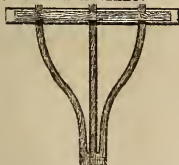
94,032, JOHN ROBERTS.
CORN-ROW MARKERS.



94,033, D. ROGERS. BUTTER-MACHINE.



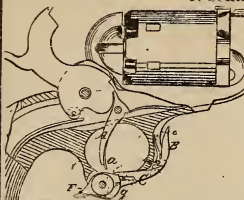
94,034, W. E. SANTLEY.
WAGON-REACH AND HOUND



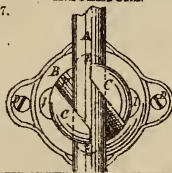
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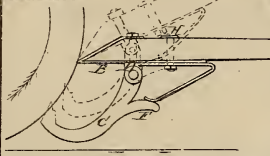
94,036, F. SCHENCK.
HAIR-TRIGGERS.



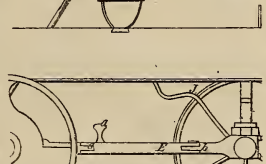
94,037, F. SCOTT. INSULATORS.



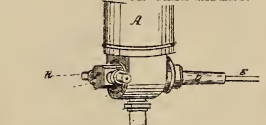
94,038, PETER SCHULTS.
CANT-HOOK.



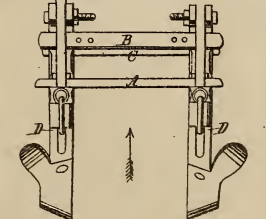
94,039, VELOCIPEDES.
XAVIER SIMON.



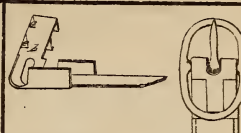
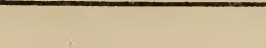
94,040, STEAM-CYLINDER OILER.
SIMON F. STANTON.
ORVILLE RIPLEY.



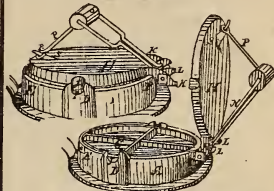
94,041, PLOWS. W. H. LUSE.
D. A. STUBBLEFIELD.



94,042, STEPHEN G. STURGES.
WILLIAM E. STURGES.
CLIPS FOR ATTACHING BUCKLES.



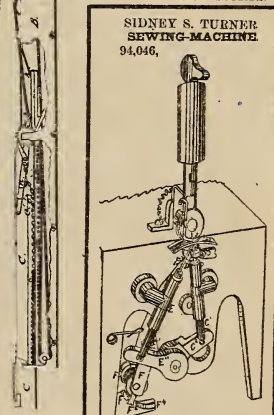
94,043, CORNELIUS SWARTWOUT.
WAFFLE-IRON.



94,044, HARROWS. FENTON Y. TAIENNER.
JOHN W. GALBRAITH.
ALFRED SMITH.



94,045, N. O. J. TISDALE.
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SIDNEY S. TURNER
SEWING-MACHINE
94,046,

94,047, S. F. VAN CHOATE.
BREECH-LOADING FIRE-ARMS.

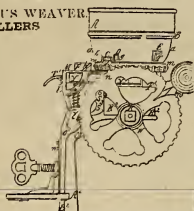
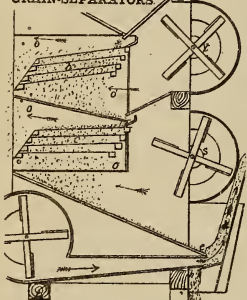
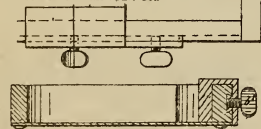


94,048, HENRY C. VARNUM.
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HAY-SPREADER COMBINED

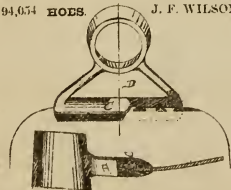
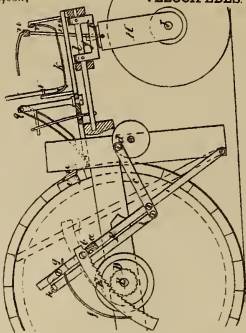


94,049, JACOB STILINGER WAYNE
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CORN-SHELLERS

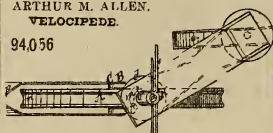
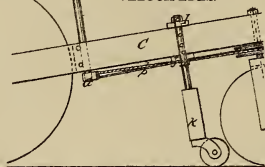
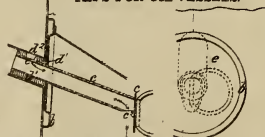
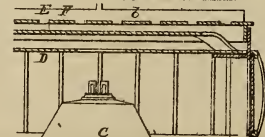
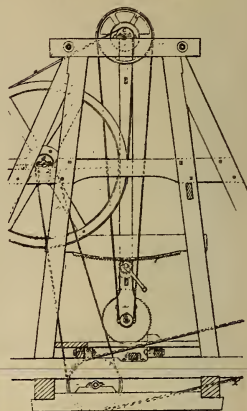
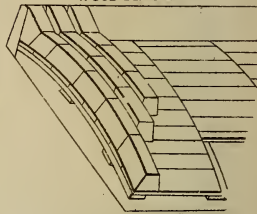
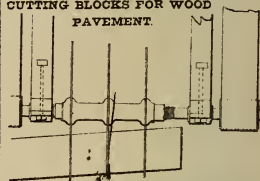
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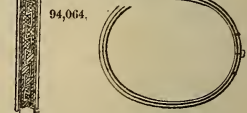
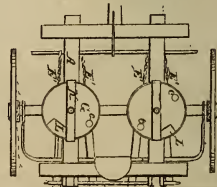
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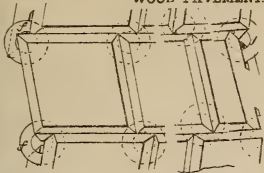
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94,055, VELOCIPEDES.ARTHUR M. ALLEN.
VELOCIPEDE.

94,056

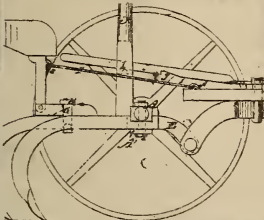
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JOHN BARCLAY.

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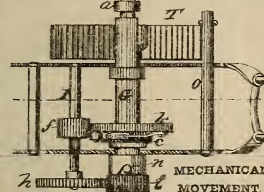
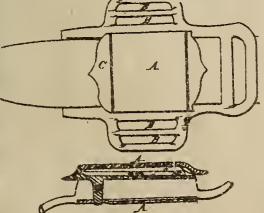
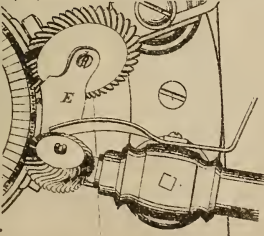
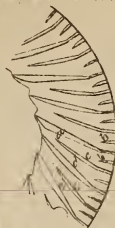
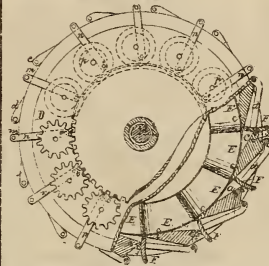
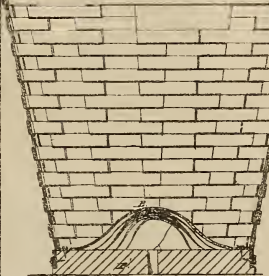
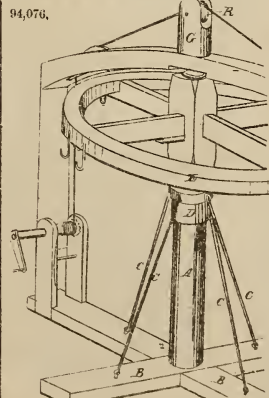
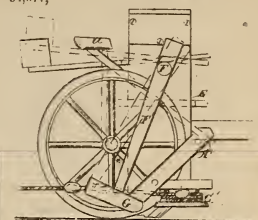
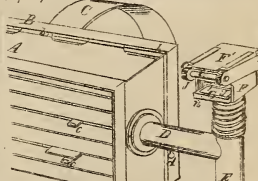
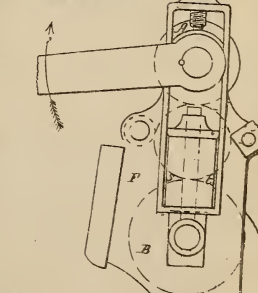
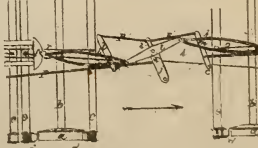
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COMBINED SEEDING-MACHINE
AND CULTIVATOR

94,066, ALBERT BETTELEY.
WOOD PAVEMENT.

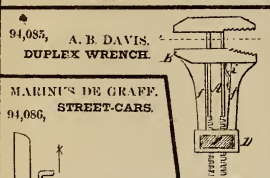
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94,068, A. W. BROWNE.

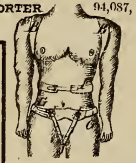
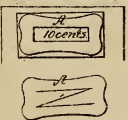
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PIPE-COUPLING.94,070, J. H. H. BUELL.
TRACE-BUCKLE.94,071, FRANK BURNS.
KNITTING-MACHINES.94,072, NELSON BURR.
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94,078, VALVES FOR PUMPS.94,079, GILAS L. COOMBS.
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94,081, EDWIN COWLES.94,082, PHILIP CRAMER.
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94,083, JAY M. CROSBY.

94,084. W. B. DAVIS.
COVERING STEAM-BOILERS,
PIPES, AND OTHER ARTICLES

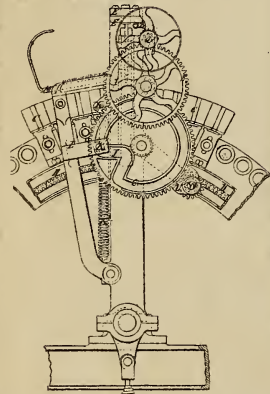


COMBINED SUPPORTER 94,087,
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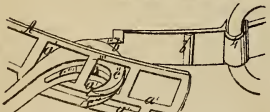
94,088,
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LABEL-FASTENER



94,089, BEN. DORSON
WILLIAM SLATER.
LIFTING FLATS IN SELF-STRIPPING
CARDING-ENGINES



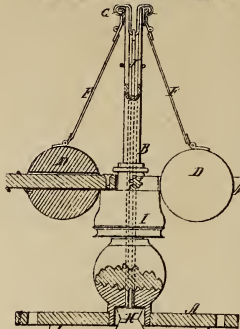
94,090, ALFRED M. DORMAN.
HAMMERS-FASTENER



94,092, JOHN H. ELWARD.
WASH-BOILER



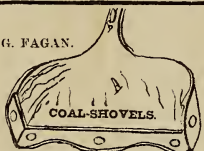
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STEAM-ENGINE GOVERNORS



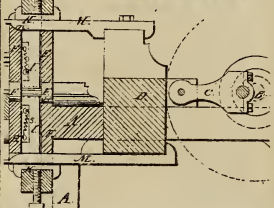
94,093, JAMES G. EVANS. OIL-CANS



94,094, MICHEL G. FAGAN.



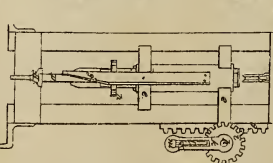
D. J. FARMER. 94,095,
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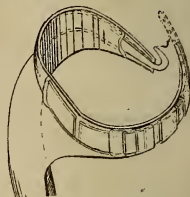
94,096, MAURICE FITZGIBBONS.
BUREAU-DRAWER



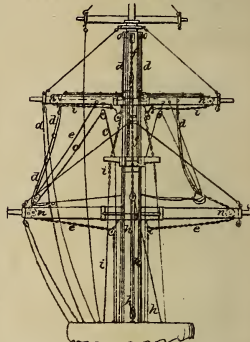
94,097, JOSEPH P. FRIZELL.
STONE-DRILLING MACHINE



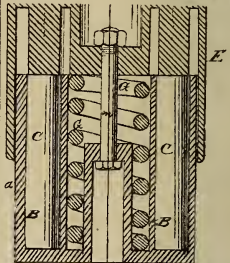
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GEORGE W. FRY.
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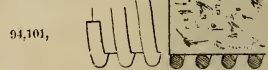
94,099, EUGENE G. GAILLIC.
APPARATUS FOR FURLING SAILS



94,100, P. G. GARDINER.
CAR-SPRING

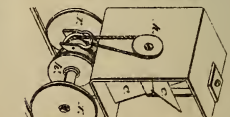


RAILWAY-CAR SPRING
P. G. GARDINER.



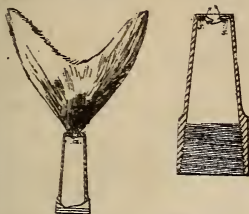
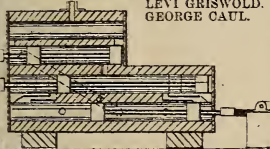
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94,102, CES. L. GARFIELD.
SNOW-FLOW FOR RAILWAYS

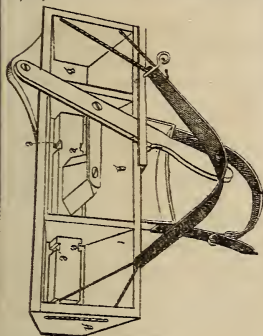
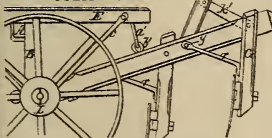
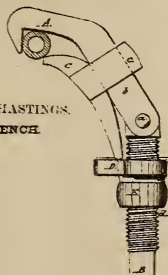


GAS-BURNERS ROBERT GILL.

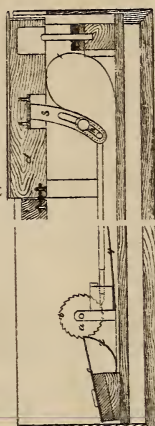
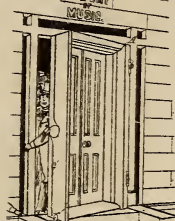
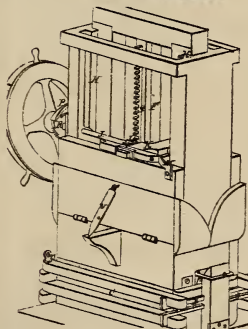
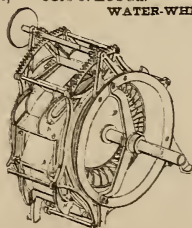
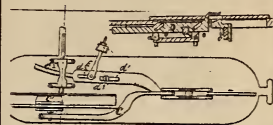
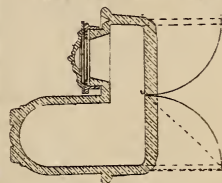
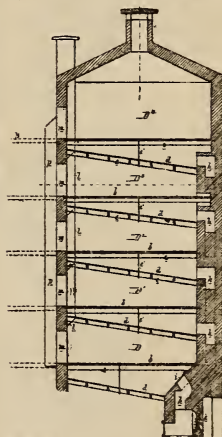
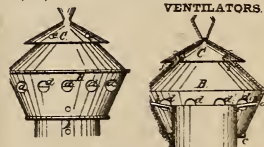
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94,104, **STEAM-ENGINE.**LEVI GRISWOLD.
GEORGE CAUL.GEORGE HALL. **HAND SEED-SOWER.**

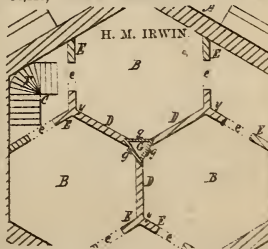
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94,106, **RICHARD HANEY.**
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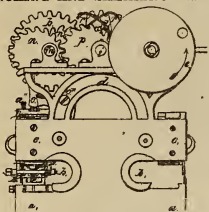
94,108,

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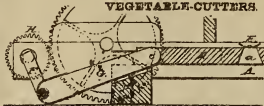
H. M. IRWIN



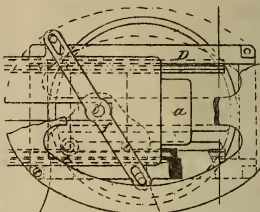
94,117, WM. H. IVENS.
W. E. BROOKE.
PUNCHING AND SHEARING METAL.



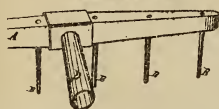
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VEGETABLE-CUTTERS.



94,130, PAUL PRYBIL.
MACHINE FOR TURNING OVALS.



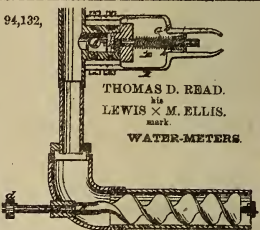
94,118, DANIEL JOHNSTON.
HAND-RAKES.



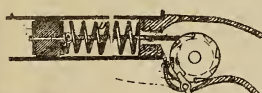
94,125, HENRY MULLER.
GARDEN-IMPLEMENT.



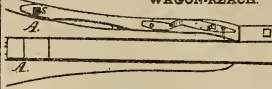
94,131, JOHN B. READ.
MANUFACTURE OF PAPER.



94,119, JNO. P. KIRK.
TOY-PISTOL.



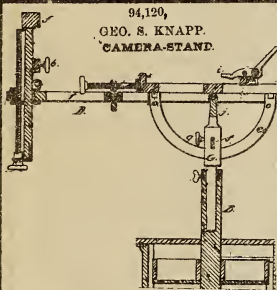
94,126, JAMES H. MOFFETT.
WAGON-REACH.



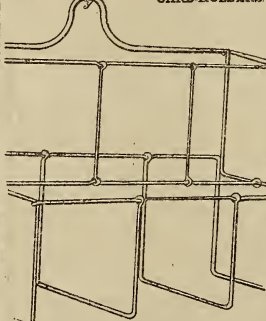
94,132, THOMAS D. READ.
LEWIS & M. ELLIS.
mark.
WATER-METERS.



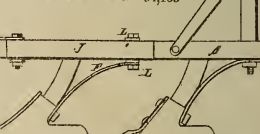
94,120, GEO. S. KNAPP.
CAMERA-STAND.



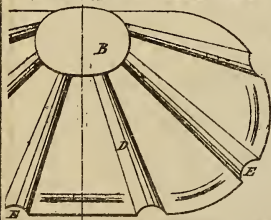
94,127, WILLIAM R. OATLEY.
CARD-HOLDERS.



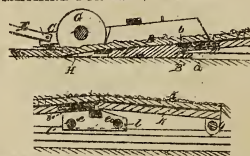
FREEMAN F. REYNOLDS.
GANG-FLOWS. 94,133



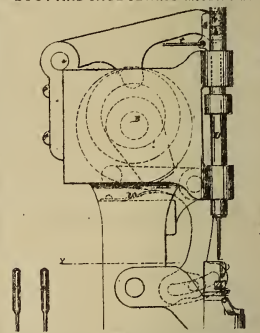
94,121, JACOB R. MANNY.
DIAPHRAGM FOR WASH-BOILERS.



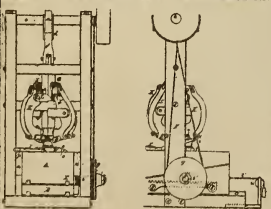
94,128, JAIKUS OSGOOD.
MACHINE FOR MAKING SOD-FENCE.



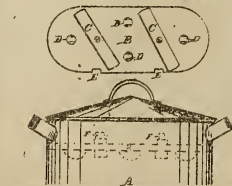
94,134, EVERETT P. RICHARDSON.
BOOT AND SHOE SEWING-MACHINE.



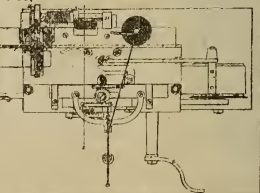
94,122, MERRICK D. MARCY.
MACHINES FOR MAKING BOLT-HEADS.



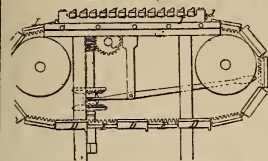
94,129, NATHANIEL PARKS. WASH-BOILER.



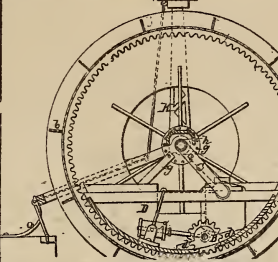
S. H. ROPEE. KNITTING-MACHINE.
94,135.



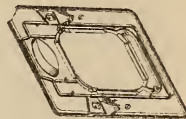
94,136, D. R. SATTERLEE.
MAKING SLATE-PENCILS.



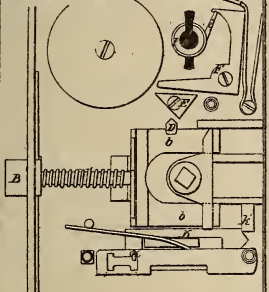
GEORGE T. SNYDER.
ROTARY STEAM-VESSLS.
94,143,



94,149, CHARLES TRUESDALE.
TOP PLATES OF COOKING-STOVES.



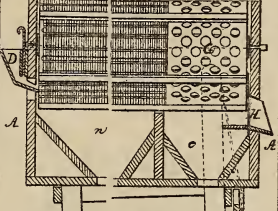
94,137, NICHOLAS SEUBERT.
ALARM-LOCK.



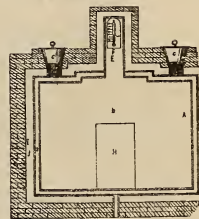
94,150, JOHN J. UNSWORTH.
SUPPORT FOR ELLIPTIC SPRINGS.



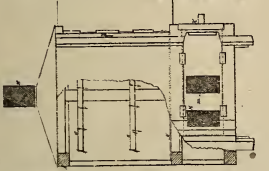
94,144, WILLIAM SPENCER.
GRAIN-SEPARATORS.



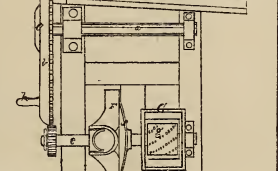
94,151, J. C. VANPELT.
REFRIGERATOR.



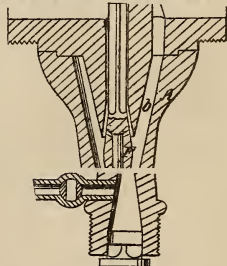
94,138, LEWIS W. SHAEFFER.
SMOKE-HOUSE.



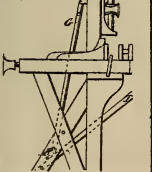
94,145, WELCOME SPRAGUE.
STRAW-CUTTER.



94,152, ELIJAH WARE.
INJECTOR FOR STEAM-GENERATORS.



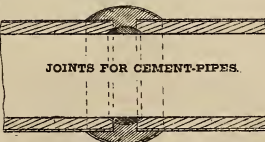
WILLIAM H. SIBLE.
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TENONING-MACHINE.
94,140,



94,139, S. SHERWOOD.
WATER-WHEEL.

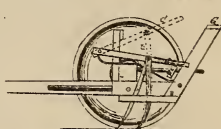


94,146, MELVIN STEPHENS.



JOINTS FOR CEMENT-PIPES.

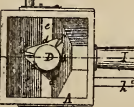
94,153, ELI G. WARNER. HARROWS.



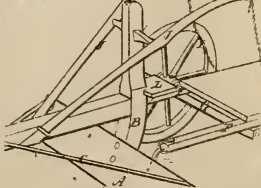
WM. H. H. SISUM.
HARVESTERS. 94,141,



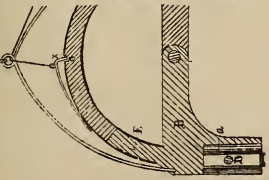
94,147, B. N. TAYLOR.
TUVRE



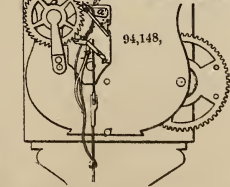
94,154, WILLIAM WATSON
SCRAFER.



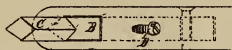
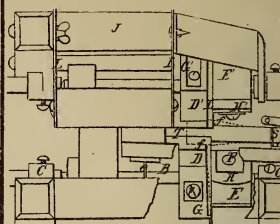
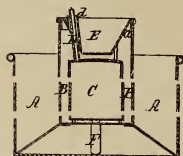
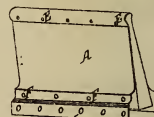
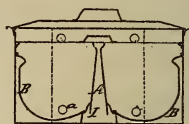
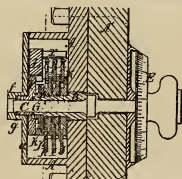
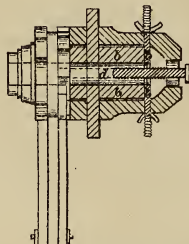
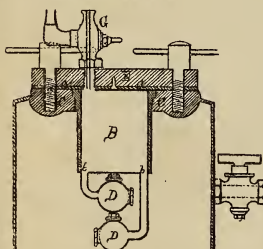
94,142, SIMON SLACK
HORSE HAY-FORKS.



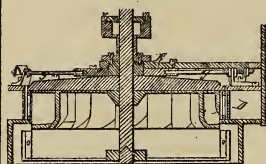
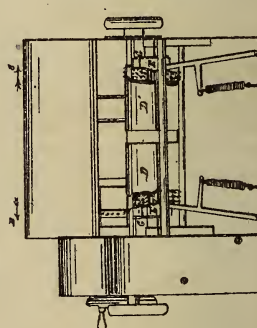
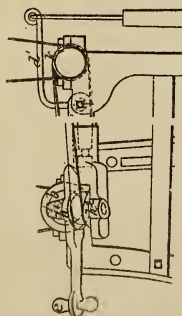
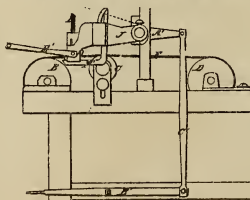
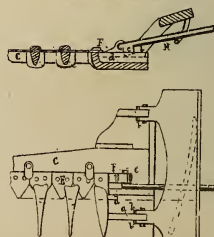
MICHAEL TROMLY.
CLOCK-ESCAPEMENT



94,153,

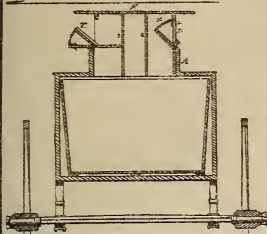
CHARLES WEBER.
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JOHN P. WHIPPLE.
TURNING-TOOL.94,160, GEO. A. WHITCOMB.
MILK-COOLER.94,165, ELIAS M. WRIGHT.
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C. G. WHEELER.
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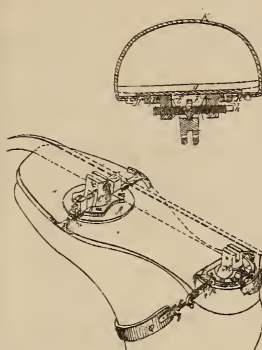
94,166, ANDRE AVERY.
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94,168, D. D. FOLEY.

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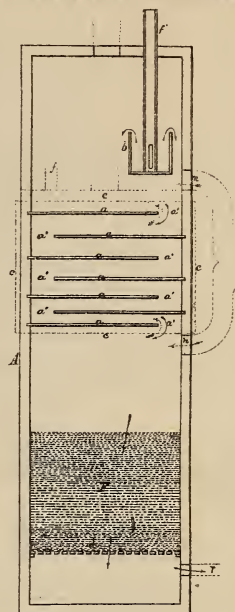


3,614.

JOSEPH F. CALHOUN
SKATES.

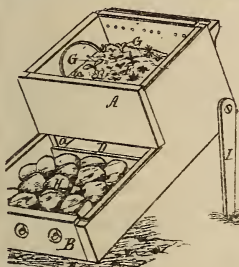
3,618, EDWIN R. STILWELL.

FEED-WATER HEATER AND FILTERER.



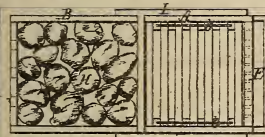
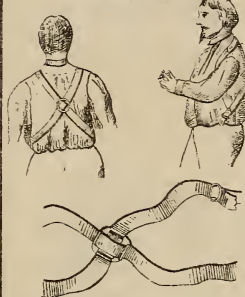
94,169, CLARK JILLSON.

PROPAGATING-BOX FOR PLANTS.

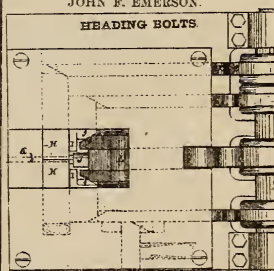


3,615. ALEX. W. HARRIS.

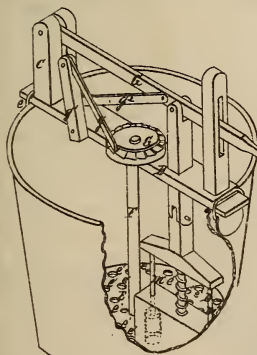
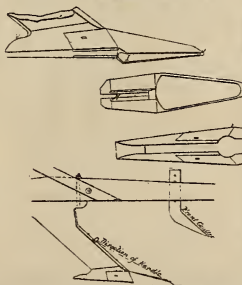
SUSPENDERS.

3,619. C. H. EMERSON.
JOHN F. EMERSON.

HEADING BOLTS.

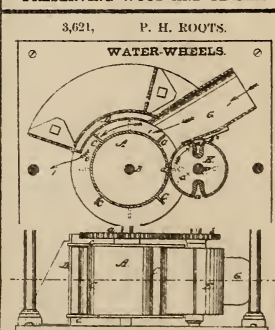
3,613, VIRGIL W. BLANCHARD.
T. BAILEY.

WASHING-MACHINE.

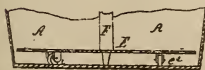
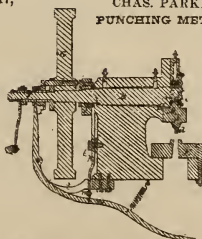
3,616, JAS. W. MURFEE.
SUBSOIL-FLOWS.

3,620, D. R. PRINDLE.

PRESERVING WOOD AND TIMBER.



3,617,

CHAS. PARKER.
PUNCHING METAL.

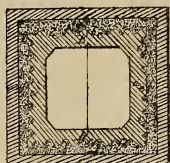
ILLUSTRATIONS OF PATENTS

ISSUED FROM

THE UNITED STATES PATENT OFFICE,

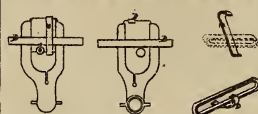
AUG. 31, 1869.

94,170,

GEORGE ABEL.
JOHN PEDDER.
INGOT-MOULDERS.

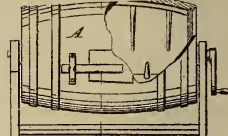
94,175, MENZO M. DENSTER.

GUIDE FOR SEWING-MACHINE



94,181, JACOB BUMP.

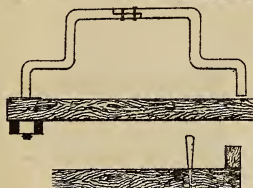
VEGETABLE-WASHER.



94,171, SOLOMON A. ALEXANDER.

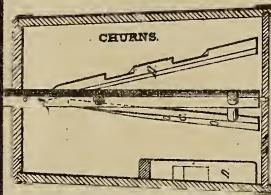
EDWARD DUNN.

REST FOR LOCOMOTIVE CROSS-HEADS



94,176, G. BERKSTRESSER.

CHURNS.

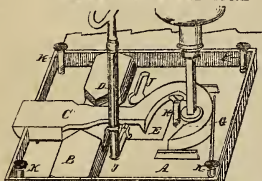


94,182, FREDERICK R. BUTLER.

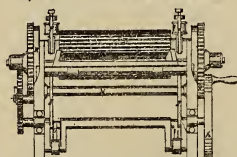
CLOTHES-DRIER.

94,172, JAMES H. ALLEN.
JOHN SCHWAB.

COMBINED LATCH AND LOCK.

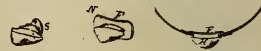


94,177, A. G. BILL. FLAX-BRAKES.



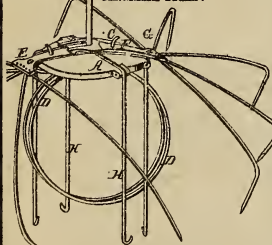
94,183, JOHN B. CARTER.

BUTTONS OR STUDS.



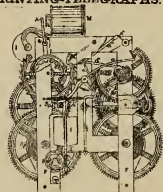
94,173, JAS. W. BAGBY.

ANIMAL-TRAP.

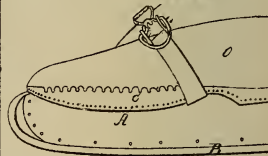


94,178, JOHN BLACKIE.

PRINTING-TELEGRAPHS.

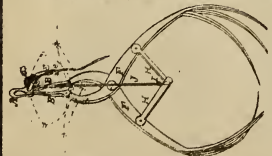


94,184, S. P. CASTLE. SKATES.



94,174, WILLIAM D. BALLARD.

HORSE HAY-FORKS

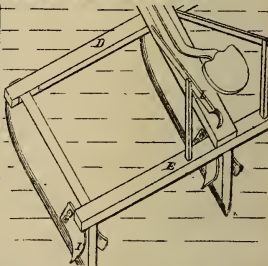


94,179, J. DEAN BONNEY.

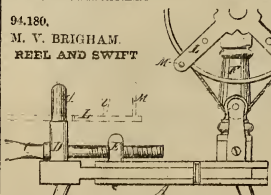
SPRING-SEAT FOR CHAIRS,
CARS, CARRIAGES, &c.

94,185, OLIVER H. CATHEY.

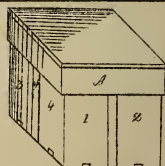
MARKER FOR CORN-GROUND



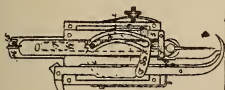
94,180,

M. V. BRIGHAM.
REEL AND SWIFT

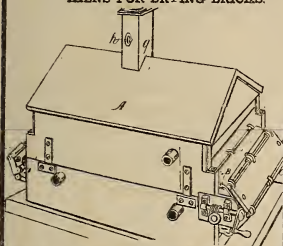
94,186,

DAVID COLLOM.
BEE-HIVES.

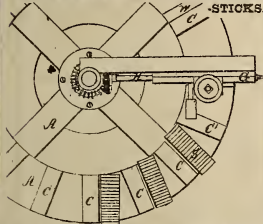
94,187. JOH A. DAVIS.
SEWING-MACHINE



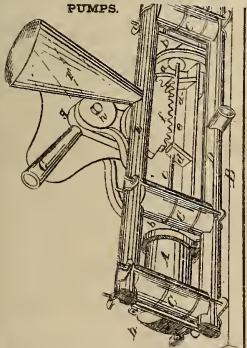
94,188.
E. C. DEAN. GEO. P. TENNEY.
H. HAMILTON. A. T. PUTNAM.
KILNS FOR DRYING BRICKS.



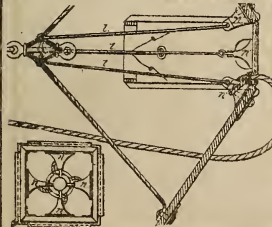
94,189. FRANCOIS DE BOWENS
MACHINERY FOR CUTTING MATCH
STICKS.



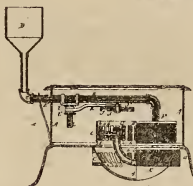
94,190. ALEXANDER DIXON.
PUMPS.



94,191. JACOB EDSON. SEA-DRAGS.



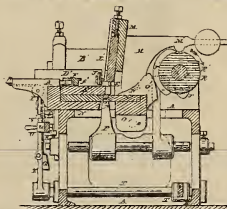
94,192.
ISAAC N. ELWELL.
GAS-STOVES.



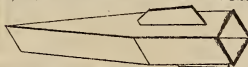
94,193. MICHEL G. FAGAN.
COOKING-STOVES.



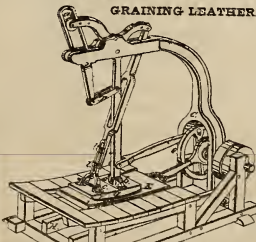
94,194. DAVID J. FARMER.
MACHINE FOR MAKING CUT NAILS.



94,195. DANIEL FISHER. FENCE-POSTS.



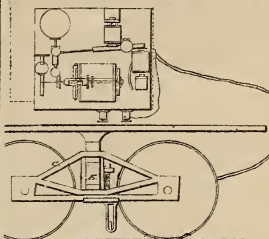
94,196. LOUIS A. GIGNAC.
MACHINE FOR BOARDING AND
GRAINING LEATHER.



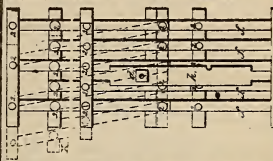
94,197. LOUIS A. GIGNAC.
CURRIERS' KNIVES.



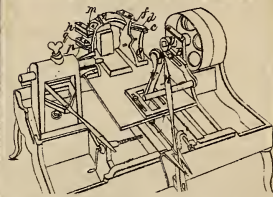
94,198. WEBSTER GILLET
ELECTRO-MAGNETIC ALARMS
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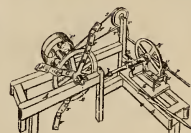
94,199. JAMES GODFREY. FENCE



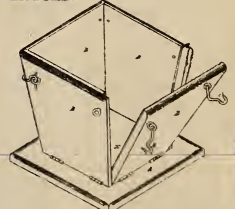
94,200. ANDREW GOODYEAR.
LATHE FOR TURNING HUBS



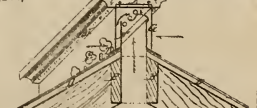
94,201. ANDREW GOODYEAR.
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94,202. GUSTAF GUSTAFSON.
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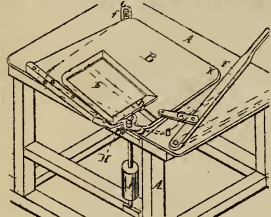


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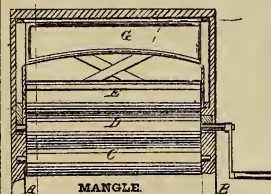


94,204. THEO. WM. HEINEMANN.
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94,205. ROBT. HENEAGE.
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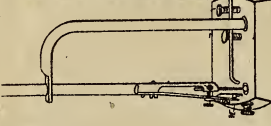
94,206. PETER HENRY HINK.
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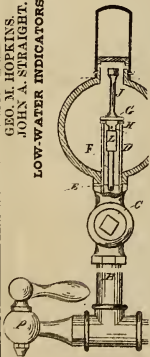
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94,208. C. HOPKINS. APPARATUS FOR
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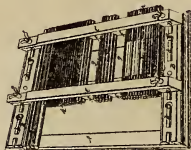
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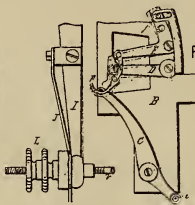
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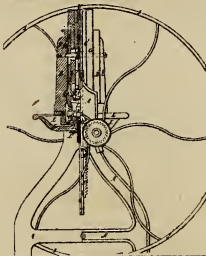
94,211 GEO. R. HOUGHTON.
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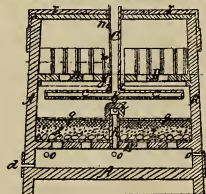
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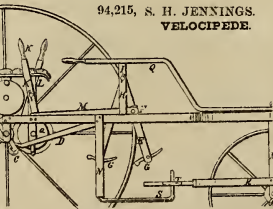
94,213. JARVIS HOWE.
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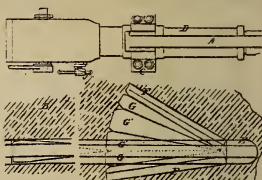
94,214. OTTO JACOBI. MANUFACTURE
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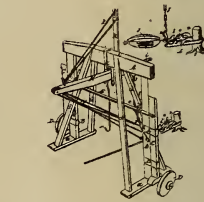
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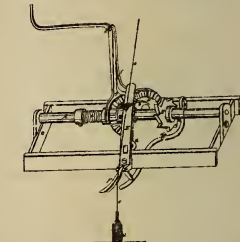
94,216. JOHN JONES.
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94,217. J. A. KAUSLER H. B. COOK.
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94,218. JOHN KENNEDY.
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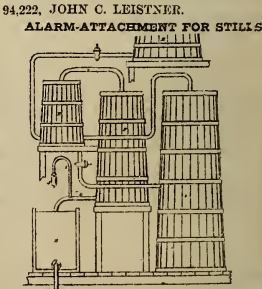


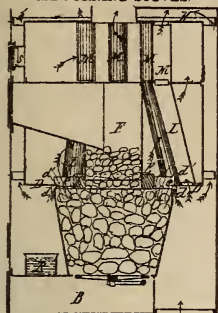
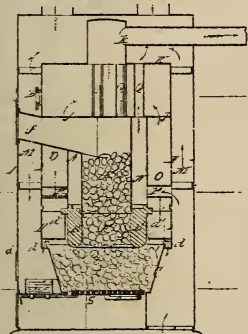
94,219. JOSHUA KIDD. APPARATUS
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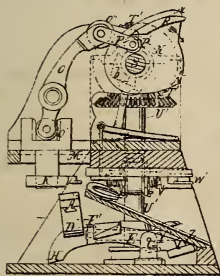
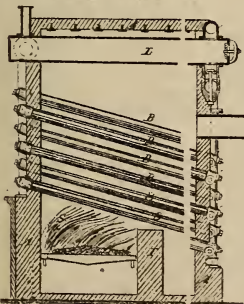
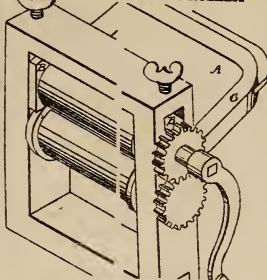
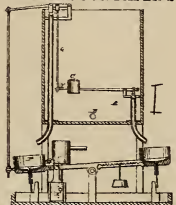
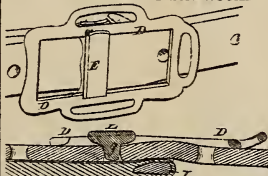
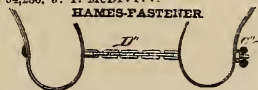
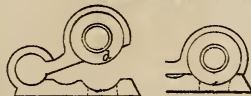
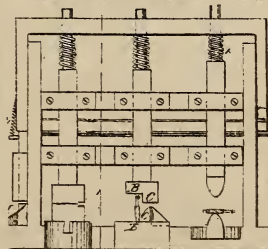
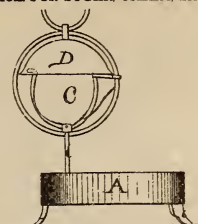
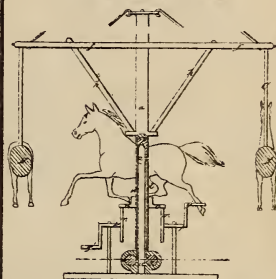
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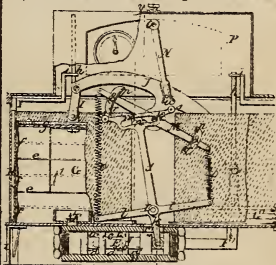


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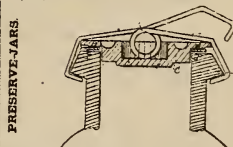
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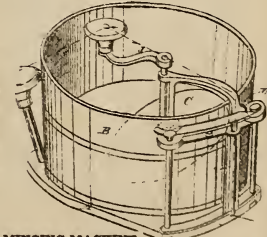
94,235. CHAS. NIDA. LIQUID-METERS



94,236. THOMAS G. OTTERSON.

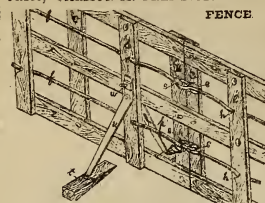


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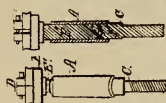


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94,238, SALMON M. PRENTICE.



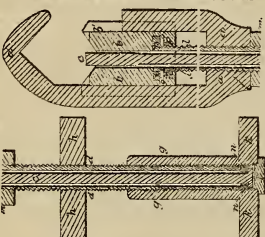
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94,240, HORACE T. ROBBINS.

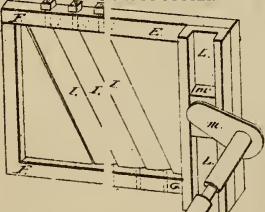
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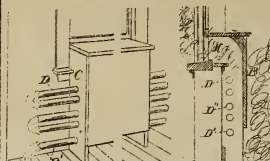
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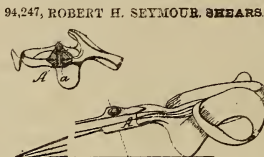
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WILLIAM EDSON.

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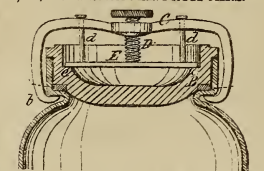


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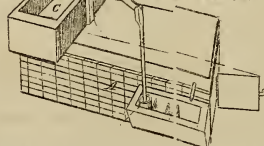
PROCESS FOR EXTRACTING OILS &c.



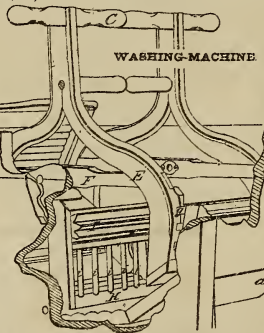
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94,249,

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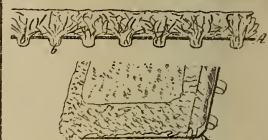
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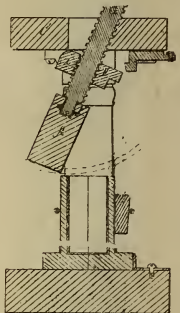
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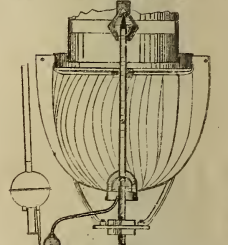


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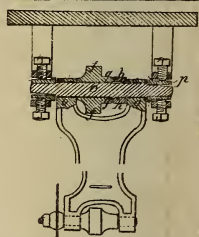
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94,254, HUGH THOMAS.

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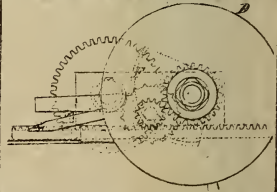


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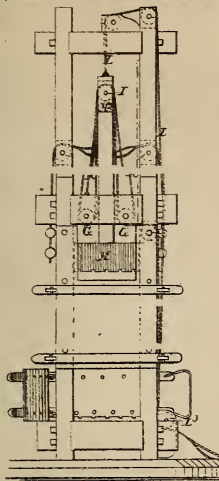
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94,256, FREDERICK TOWNSEND.

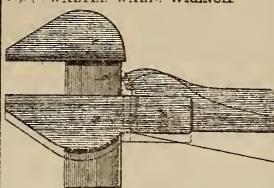
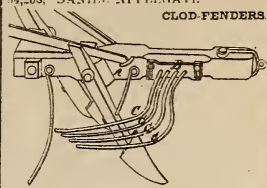
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94,257, ISAAC H. TRAUER. PRESSES.



94,261, WALTER WARD. WRENCH.

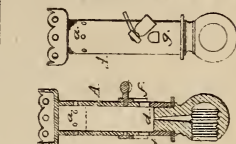
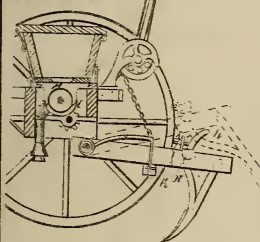
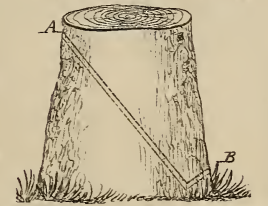
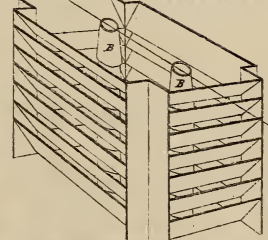
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94,262, THOMAS WESTERMAN.

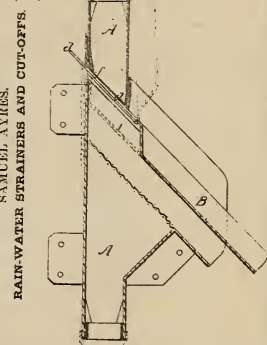


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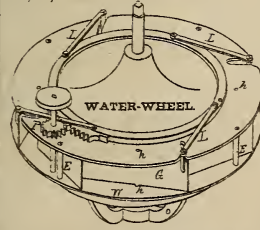
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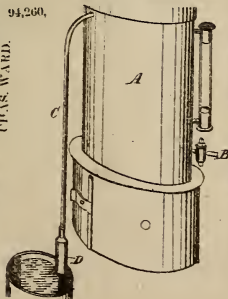
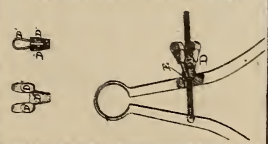
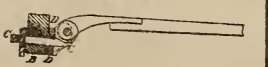
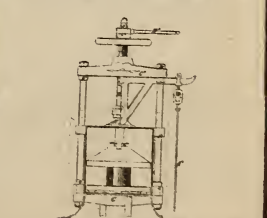
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SAMUEL AYRES.
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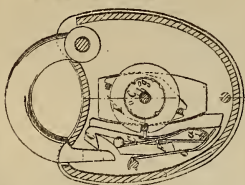
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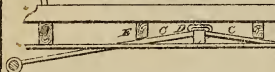
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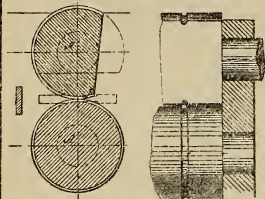


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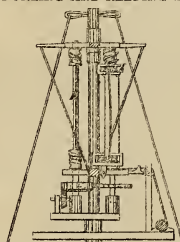
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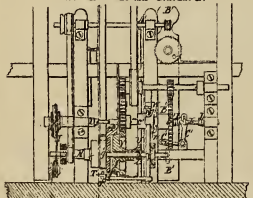
94,276, GEO. C. BELL METHOD OF
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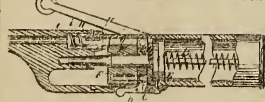
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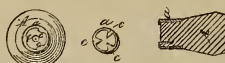
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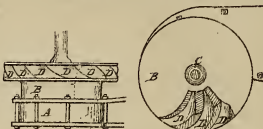
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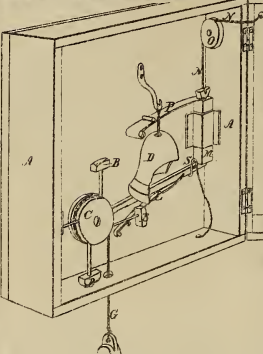
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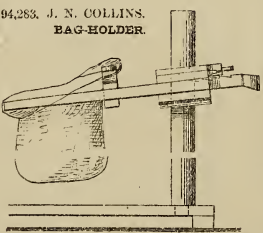
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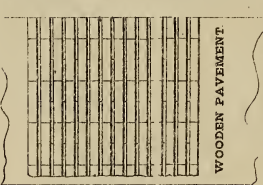
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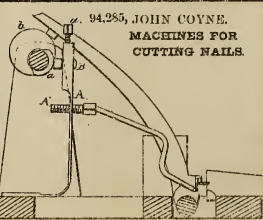
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94,284, CHARLES CROZAT CONVERSE

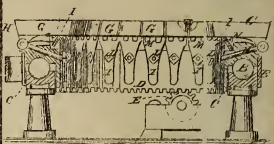


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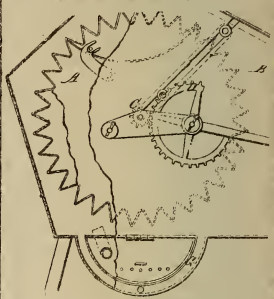


94,285, JOHN COYNE.
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CUTTING NAILS.

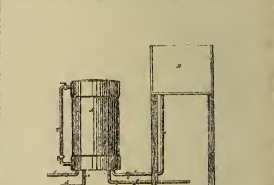
94,286, JOHN COYNE.
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OF PIG-BLOOM



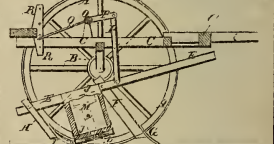
94,287, HERRMANN CRAMER
WASHING-MACHINES.



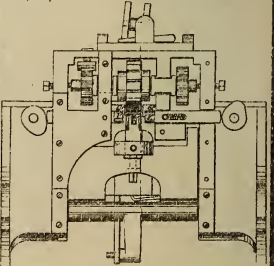
94,288, JAMES M. CROSE.
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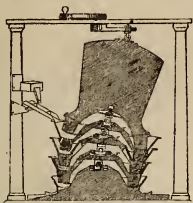
94,289, JAMES A. CURRIE.
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AND CULTIVATOR.



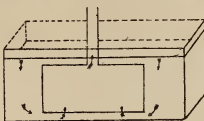
94,290, F. DAVISON. NAIL-MACHINE



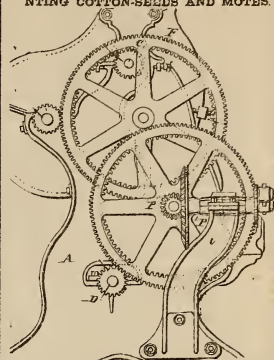
94,291, J. HARVEY DAY.
ROCK-CRUSHING MILLS.



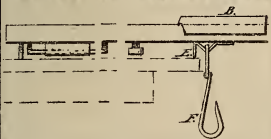
94,298, W. BANCROFT ESPENT.
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AND FOR CURING, DRYING, AND TREA-
TING SUGAR AND OTHER MATERIALS.



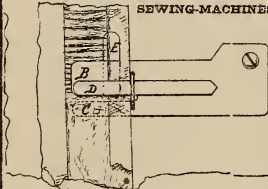
94,304, GEO. W. GRADER.
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NING COTTON-SEEDS AND MOTES.



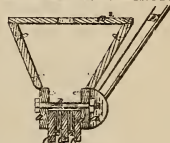
94,292, JOHN DECKER. COMBINED
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94,299, JNO. O. FAIRBAIN.
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SEWING-MACHINES.



94,303, A. D. GRANGER.
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94,293, CLARENCE DELAFIELD.
FRANK G. JOHNSON.
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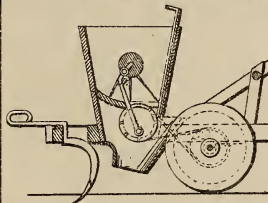
94,300, DANIEL B. H. BARTLETT.
POCKET-LAMPS.



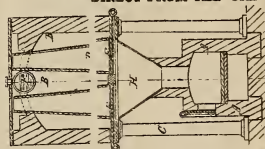
94,294, DE LA RUE.
FLOATING VELOCIFEDES.



94,301, JOHN G. B. GILL.
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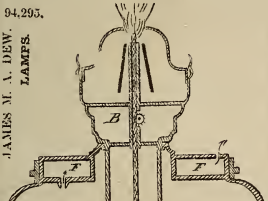


94,306, WILLIAM GRIFFITH.
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DIRECT FROM THE ORE.

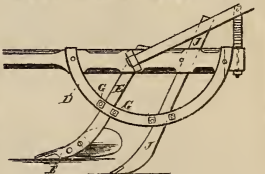


94,295,

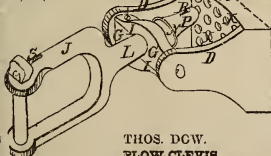
JAMES M. A. DEW.
JAMES
JAMES



94,307, J. C. GROSS.
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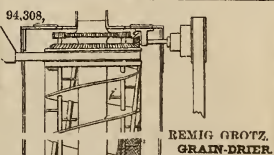
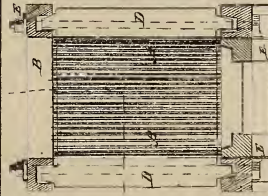


94,296,



THOS. DCW.
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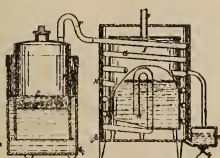
94,302, KINGSTON GODDARD.
PEAT-MOULDS.



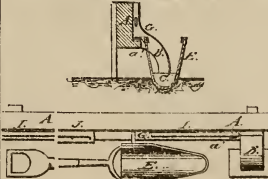
94,308,

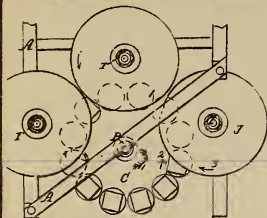
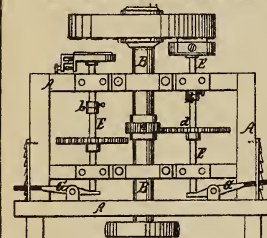
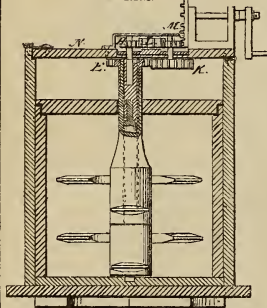
REMIG GROTZ.
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94,297, CLEVELAND F. DUNDERDALE.
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ILLUMINATING-GAS.

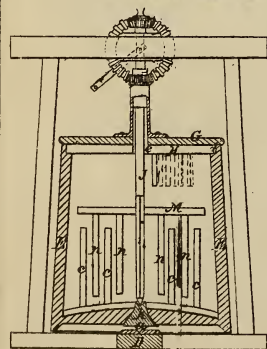
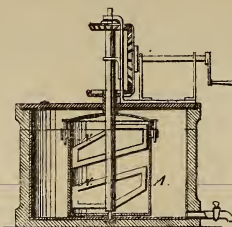
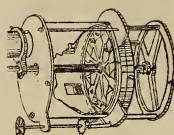
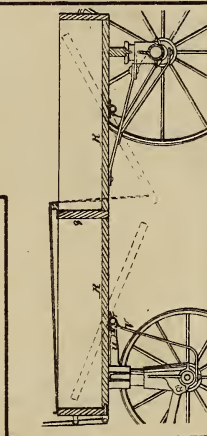
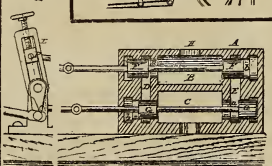


94,303, DAVID GORE.
DITCH-GAUGE SCOOP.

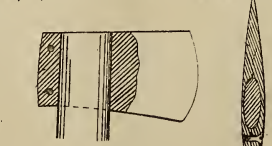


94,309, STINSON HAGAMAN.
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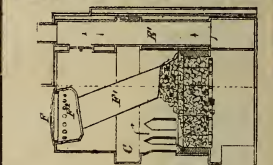
94,312, JACOB A. HANGER. CHURNS.

94,313, WILLIAM HAWKINS.
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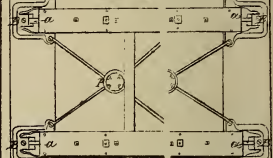
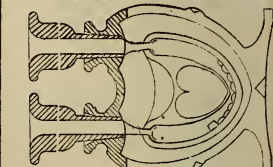
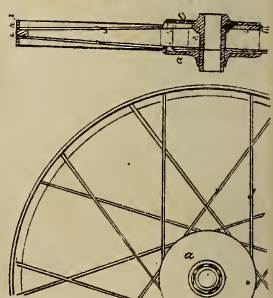
94,318, ALDEN H. JUMPER. AXES.



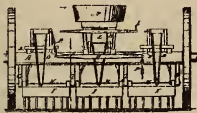
94,319.

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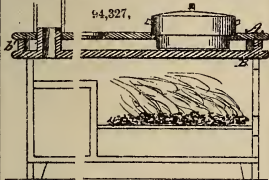
94,321, JOHN LAIRD. BRIDGE

94,322, JOHN LAIRD. G. F. LAIRD.
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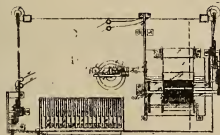
94,326. ISAAC LOW. HARROWS.



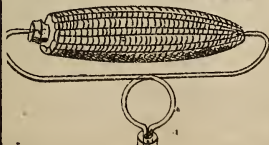
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94,328,
J. F. McMILLEN.
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94,329,

CHARLES T. MOORE.
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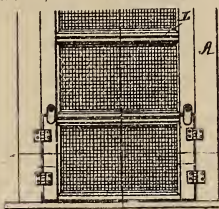
94,330.

WM. A. MORGAN.
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94,331.

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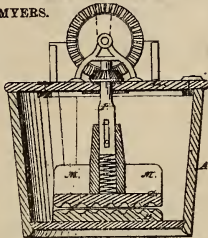
STEPHEN, EARL OF MOUNT CASHELL.



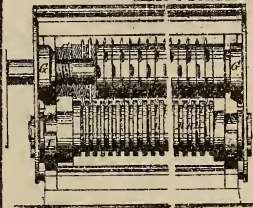
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J. W. MYERS.

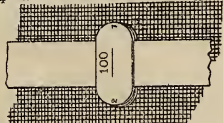


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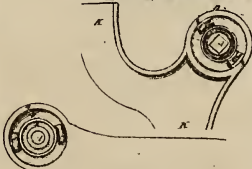
J. WELLINGTON NESMITH.
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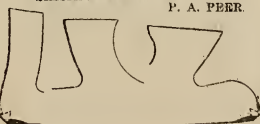


94,335.

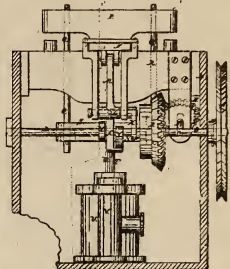
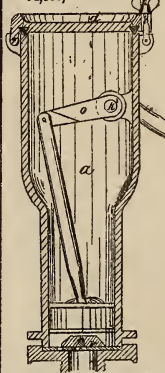
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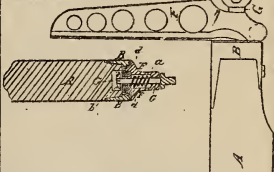
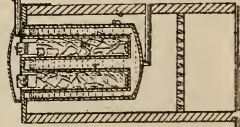
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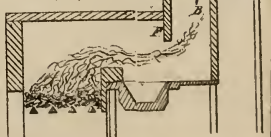
ALBERT M. PUTNAM.
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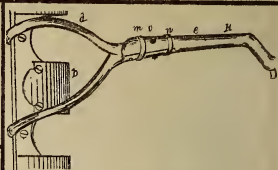
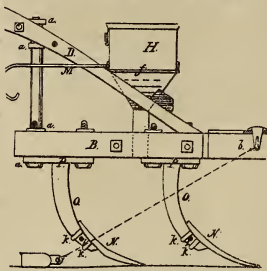
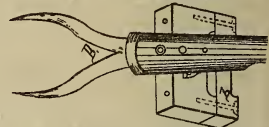
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94,340, GEORGE RICHARDS.
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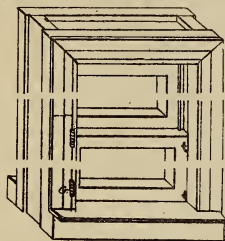
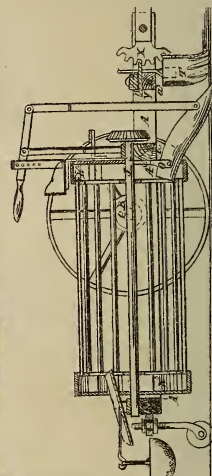
94,342,



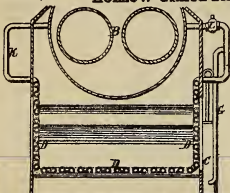
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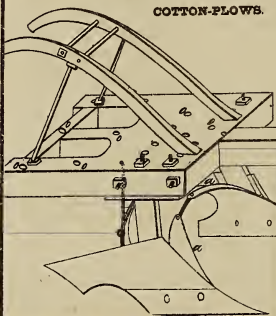
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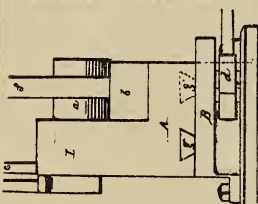
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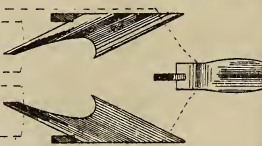
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ZACHARIAH B. SIMS.
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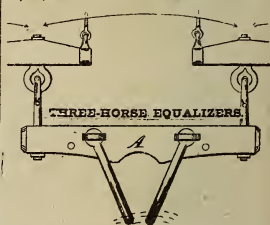
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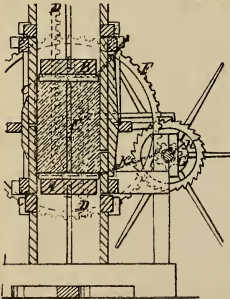
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COTTON-FLOWS.

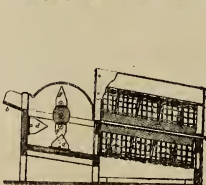
94,353, ZACHARIAH B. SIMS.



94,347,

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94,352,

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94,357,

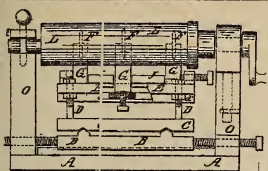


94,348,

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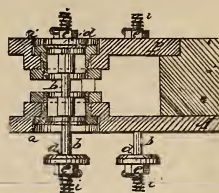
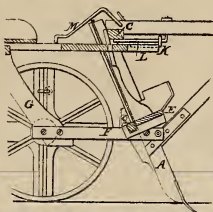
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94,359. T. CHALKLEY TAYLOR. MODE
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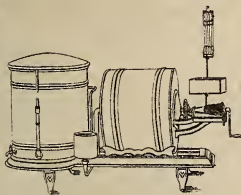
94,365,

NICHOLAS WHITEHALL.
PLANTER AND CULTIVATOR.

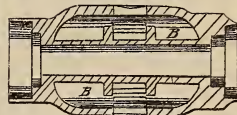
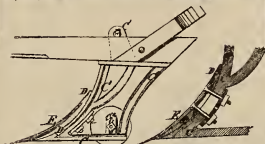


94,372. A. S. WOODWARD.
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94,360. OAKES TIRRELL. APPARATUS
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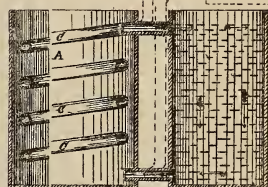
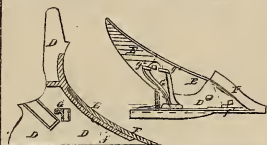


94,366. EDWD. WIARD. FLOWS.

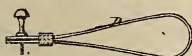


94,373. JOHN AGATE. APPARATUS
FOR COOLING AND REFRIGERATING.

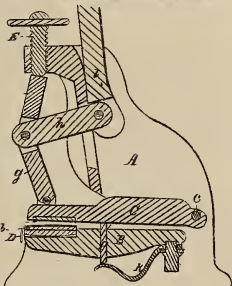
94,367. EDWARD WIARD. FLOWS.



94,361. JAMES S. TOTTEN.
SHAFT AND FOLE-HOLDER.



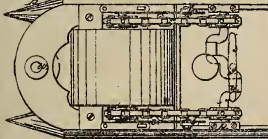
94,368. J. M. WILLBUR.
EMBOSSING-PRESSES



94,374. HENRY AITKEN.
ROASTING AND TREATING IRON-ORES.

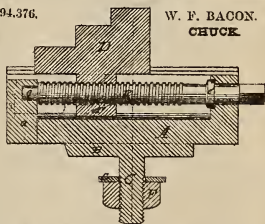


94,362. V. B. TOWNSEND.
FLOATING VELOCIPEDS.

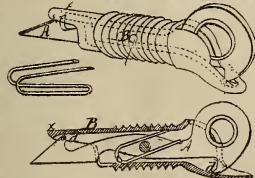


94,375. ERASTUS W. AYER.
MELVILLE C. AYER.
ARTICLE OF FOOD FROM PUMPKINS
AND SQUASHES.

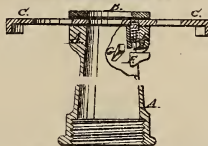
94,376. W. F. BACON.
CHUCK.



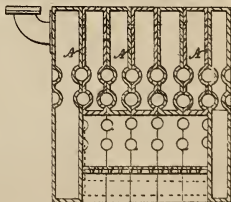
94,363. B. D. WASHBURN.
SHUTTER-FASTENING.



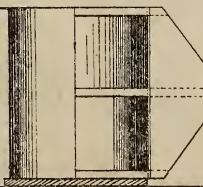
94,369. ARCHIBALD WILLISCROFT.
HOSE-PIPE NOZZLES.



94,377. A. C. BAKER. STEAM-HEATER.



94,364.
WILLIAM WASSALL.
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ON HEAVY CLAY PIPES.

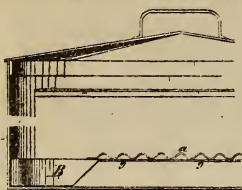


94,370. GEORGE W. WILSON.
MILLSTONE-BALANCE.

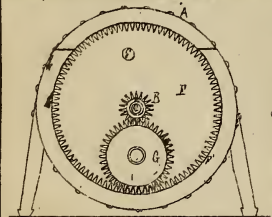


94,371. RICHARD WITTY.
STEAM-ENGINE PISTONS.

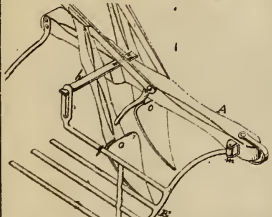
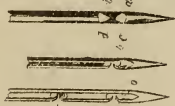
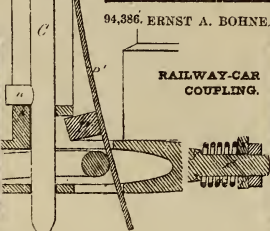
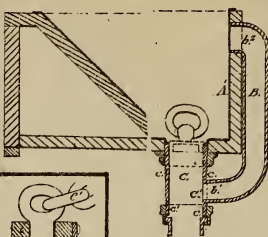
94,378, OREN BALDWIN. WASH-BOILER

94,379. JAMES M. BARRETT.
LINIMENT.94,380, ORSON BARTLIT. GLOVES.
GEO. D. EDSON.

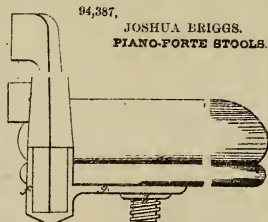
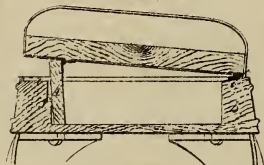
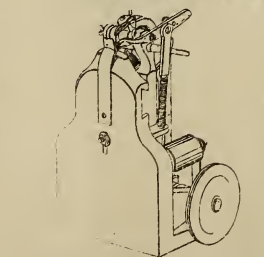
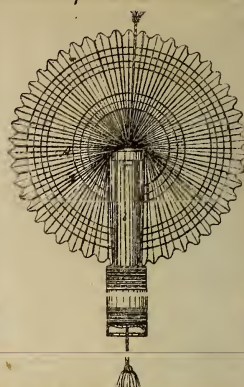
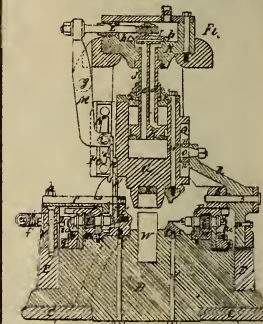
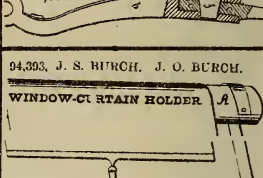
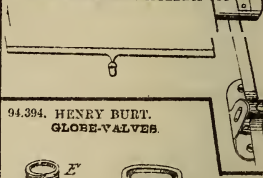
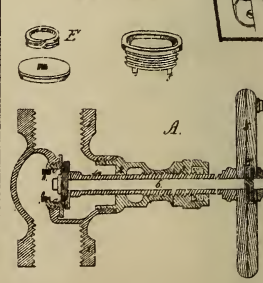
94,381, N. S. BARTON. CHURNS

94,382, GEORGE BEATTY.
TOE-PLATE FOR BOOTS AND SHOES.

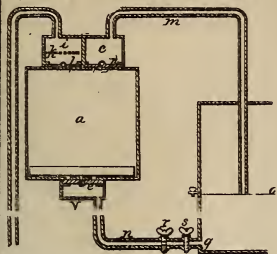
94,383, JAMES C. BELL. PLOWS.

94,384, JOSEPH B. BLANCHARD.
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BATH-TUBS.

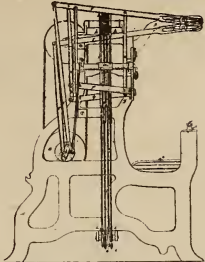
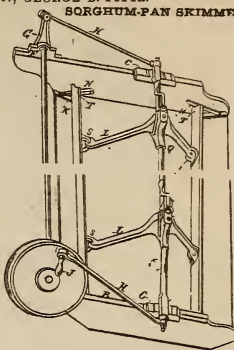
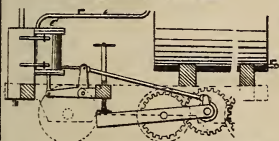
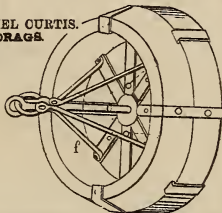
94,386, ERNST A. BOHNE.

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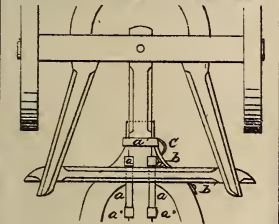
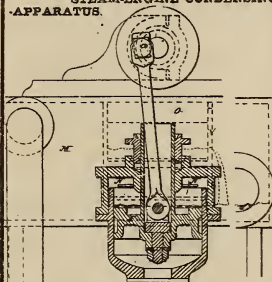
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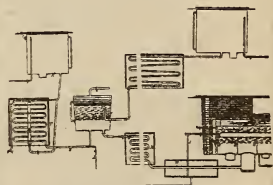
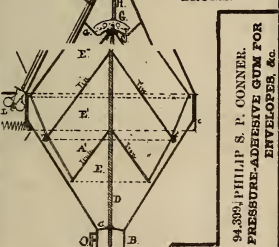
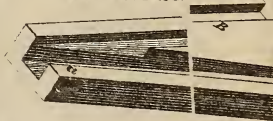
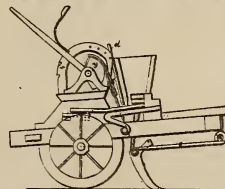
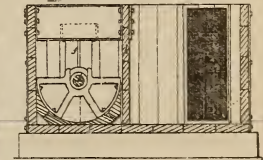
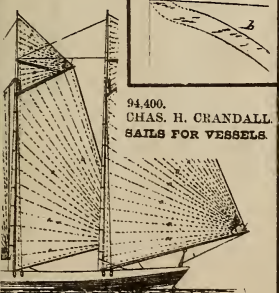
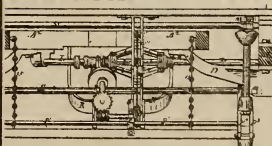
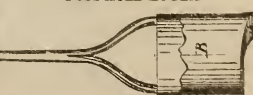
94,401 GEO. CROMPTON. LOOM

94,407, GEORGE B. FITZ.
SORGHUM-PAN SKIMMER.94,396, CHARLES W. CAHOON.
LOCOMOTIVE-ENGINES.94,402,
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SEA-DRAG.94,408, GREG. GERDOM.
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GLASS CUPS OR VESSELS.

94,397, B. N. CARPENTER. VEHICLES.

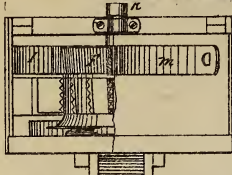
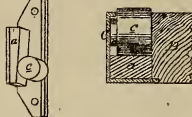
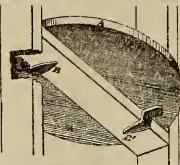
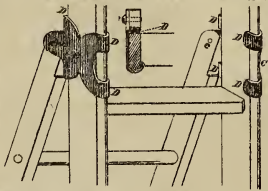
94,403, CORNELIUS H. DE LAMATER.
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APPARATUS.

94,409, HENRY GROGAN. STILL

94,398, J. T. CLYMER.
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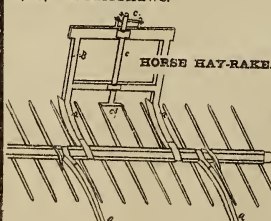
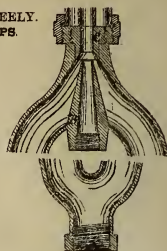
94,413, JAMES T. HARVEY.

VEGETABLE-CUTTER AND FEED-GRINDING MACHINE.

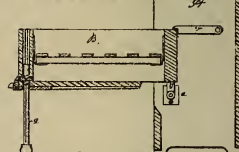
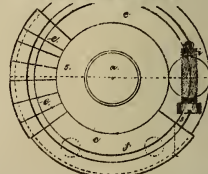
94,420,
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LAMP-BURNERS.94,422, WILLIAM E. LUDLOW.
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STEP AND EXTENSION-LADDER.94,424, JOHN MATTHEWS, JR.
TUMBLER-WASHER.

94,425, WM. MATTHEWS.

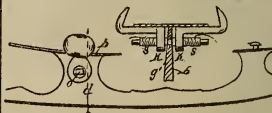
HORSE HAY-RAKE.

94,426,
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SAD-IRON HEATER-OVENS.94,428, ANSON C. McMAHAN.
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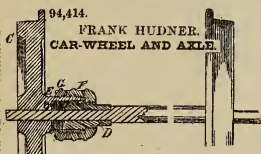
94,430, JAMES A. METCALF. OILERS

94,431,
J. A. MORGAN.
PARLOR-BEDSTEAD.94,432, ROBERT NEALE.
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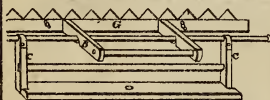
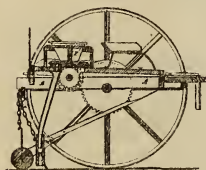
94,433, JOHN H. NOAKES. SKATES.



94,414.

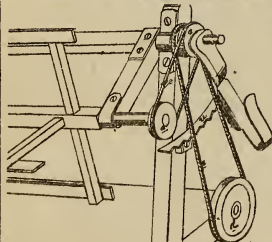
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CAR-WHEEL AND AXLE.

94,415, D. W. JAMESON.

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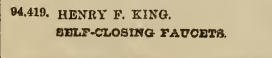
94,418, JOHN H. KELLER.

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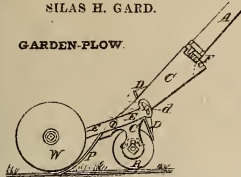
94,419, HENRY F. KING.

SELF-CLOSING FAUCETS.

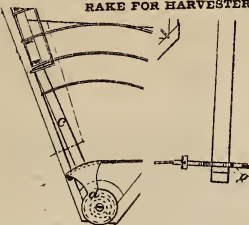


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SILAS H. GARD.

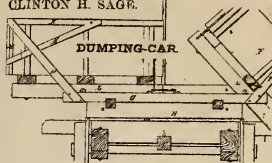
GARDEN-FLOW.



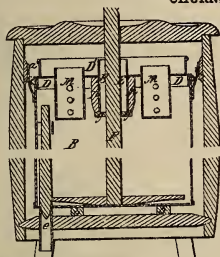
94,440, GEO. H. REISTER.
RAKE FOR HARVESTERS.



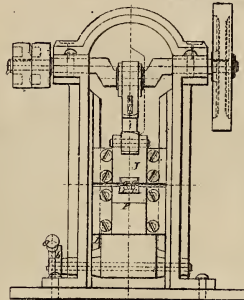
94,445, CLINTON H. SAGE.



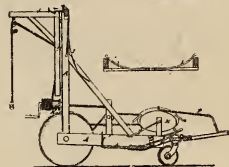
94,435, GEO. N. PALMER.
CHURNS.



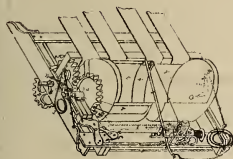
94,441, HENRY REYNOLDS.
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CHAIN-LINKS.



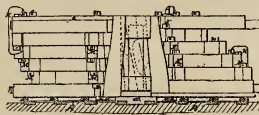
94,446, J. W. SHARNARD.
SAMUEL BRYAN.
HOWARD HUNT.
CORN-HARVESTER.



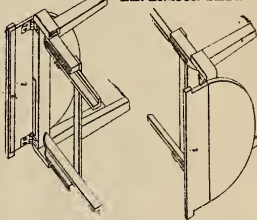
94,436, L. F. PARKER
GRAIN-BINDERS



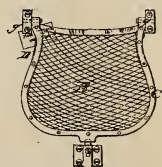
94,442, A. K. RIDER
MOULDING SCREW-PROPELLERS.



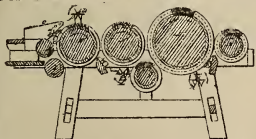
94,447, JOSEPH SHERMAN.
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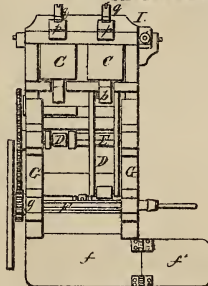
94,448, SIGMUND SIMONSON.
POCKET FOR RAILWAY-CAR SEATS.



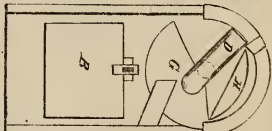
94,437, ZIBA PARKHURST. MACHINE
FOR BURRING AND CLEANING WOOL.



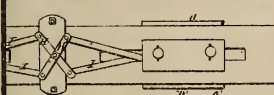
94,443, THOS. ROBJOHN.
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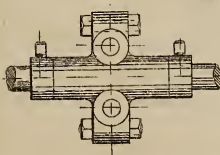
94,449, SAMUEL STRONG.
LETTER-BOXES.



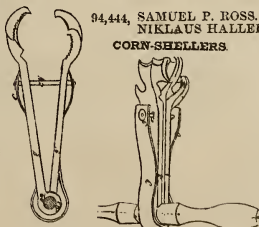
94,438, OYKUS PHELON. OX-YOKES.



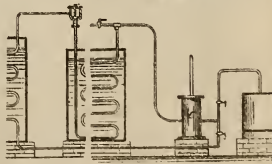
94,439, DAVID R. QUICK.
JOURNALS.



94,444, SAMUEL P. ROSS.
NIKLAUS HALLER.
CORN-SHEELERS.

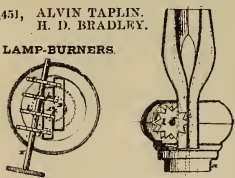


94,450, A. H. TAIT.
MODE OF COOLING AND FREEZING
LIQUIDS AND OTHER SUBSTANCES.



94,451, ALVIN TAPLIN.
H. D. BRADLEY.

LAMP-BURNERS.

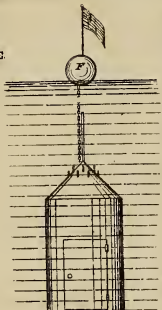


94,452 W. S. THOMPSON.
FRUIT-JARS.



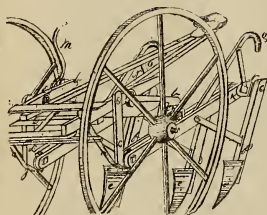
94,453, WILLIAM T. TIBBALS.
LYMAN B. TIBBALS.
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94,454,
E. B. TVLER.
MARINE SAFE

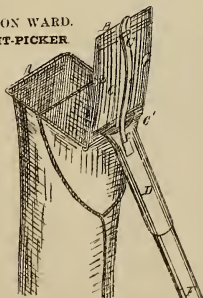


94,455, AMBROSE I. UPSON.
TIN-COATED EYELET.

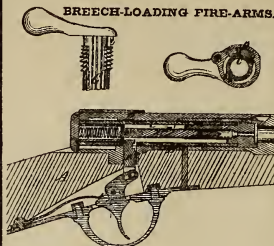
94,456 ELISHA WALKER.
JOSHIAH J. PIATT.
CULTIVATOR



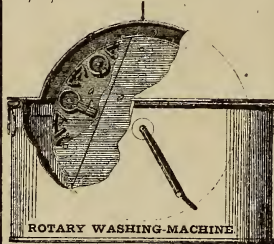
94,457,
EDEMION WARD.
FRUIT-PICKER



94,458, W. G. WARD.
BREECH-LOADING FIRE-ARMS.

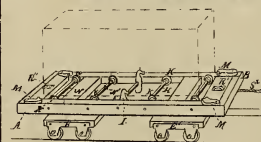


94,459, WILLIAM H. WELCH.

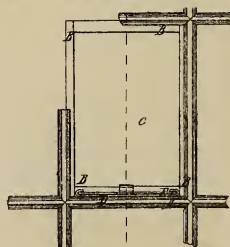


94,460, DENNISON WILLARD.
MODE OF CLEANING MUSTY
BEER AND OTHER CASKS.

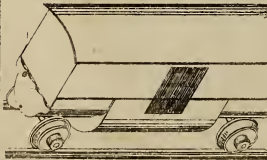
94,461, JOSEPH PAGE WOODBURY.
RAILWAY FREIGHT-CARS.



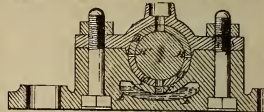
94,462, WM. H. COWL.
VENTILATOR FOR WINDOWS.



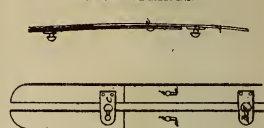
3,622, JOEL F. KEELER.
RAILROAD-CARS FOR
TRANSPORTING PETROLEUM



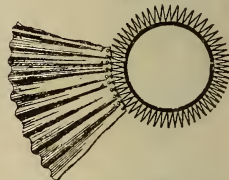
3,623. PHILANDER P. LANE.
SELF-LUBRICATING JOURNAL-BOX



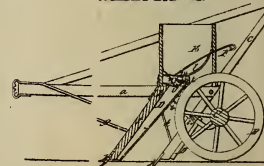
3,624, FRANCES L. BARNES.
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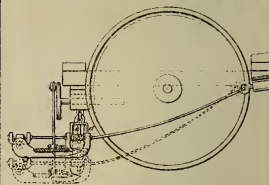
3,625, GEORGE H. DIMOND.
GEORGE DOOLITTLE.
THOS. WALLACE, JR.
LAMP-SHADES



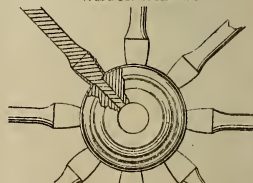
3,626, JAMES F. HARCOURT.
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3,627, AMOS RANK. HARVESTERS



3,628, JOHN THRASHER.
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3,629, KATE LOWE. WM. McTEER.
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AND FOR OTHER PURPOSES.

ILLUSTRATIONS OF PATENTS

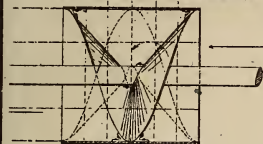
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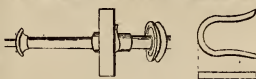
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94,463. A. AUBERT.

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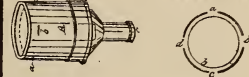


94,470. ELISHA S. BURLINGAME.

MECHANISM FOR HOLDING
BOLSTERS IN SPINNING-MACHINES.

94,476. JOSEPH W. CREMIN.

GAS-BURNERS.



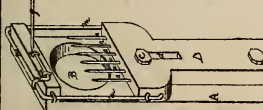
94,477. LUTHER C. CROWELL.

STOVE-POLISHING BRUSH.



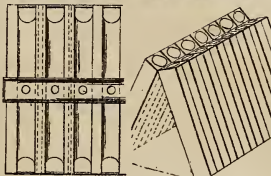
94,464. FRANKLIN P. BAKER.

ANIMAL-TRAP.



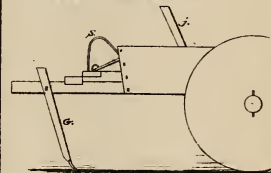
94,471. JOHN BURT.

THE MANUFACTURE OF PIG-IRON.



94,478. N. C. DAWSON.

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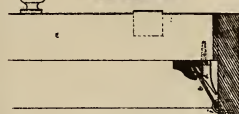


94,465. JAMES BAKER.

COMPOSITION FOR WHITEWASHING.

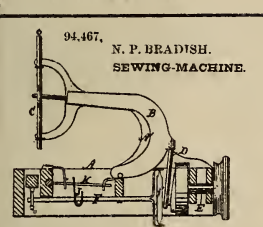
94,472. HENRY W. CAREW.

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94,466. MOSES BECKER.

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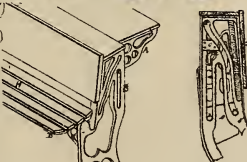
94,467.

N. P. BRADISH.

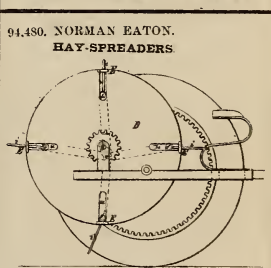
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94,473. AARON CHANDLER.

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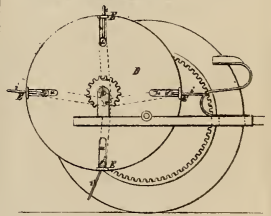


94,479. FRANK W. DE SPESSBOURG.

IMPROVED PROCESS OF PREPARING
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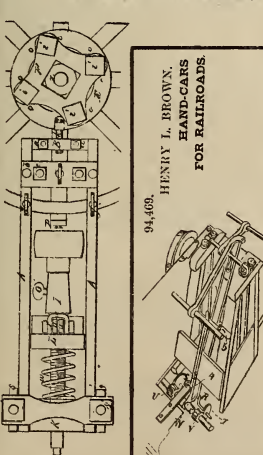
94,480. NORMAN EATON.

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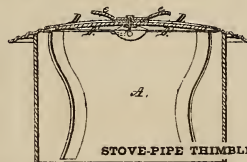


94,468. FREDERICK H. BRINKKOTTER.

SPOKE-TENONING MACHINE.

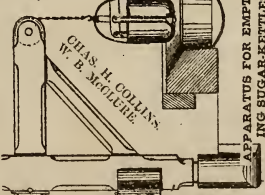
94,469.
HENRY L. BROWN.
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94,474. E. C. CHAPMAN.

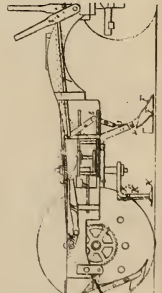


STOVE-PIPE THIMBLE

94,475.

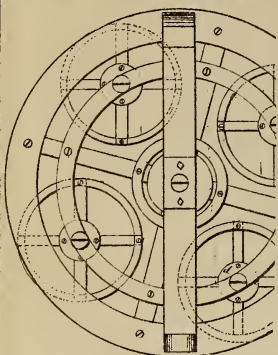
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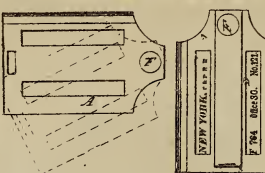
94,482, W. M. A. ESTES.

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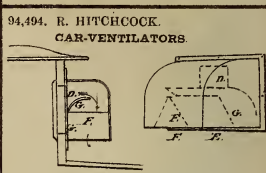
94,487, EDWARD H. GRAVES.

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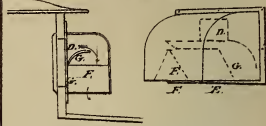
94,493, BENJA. HINKLEY.

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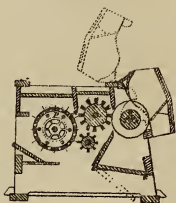


94,494, R. HITCHCOCK.

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94,488, B. D. GULLETT. COTTON-GINS.

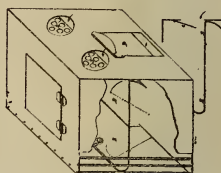


94,495, GEORGE E. HOPKINS.

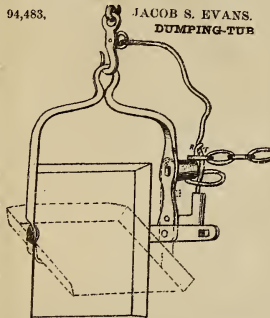
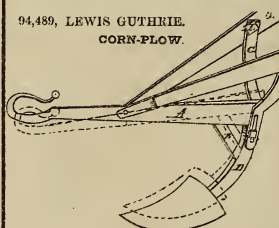
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94,496, JOHN HUGHSON.

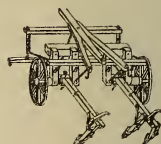
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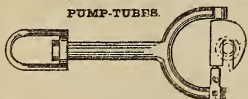
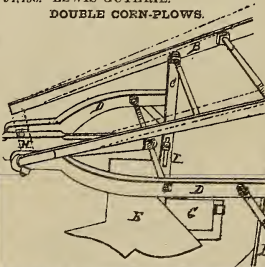
94,483.

JACOB S. EVANS.
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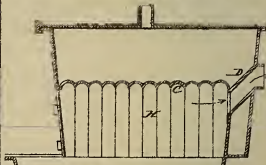
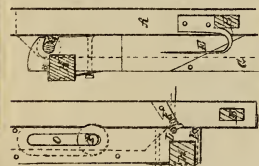
94,497, JOHN LUETH. CULTIVATORS.



94,484, JAMES A. FLEMING.

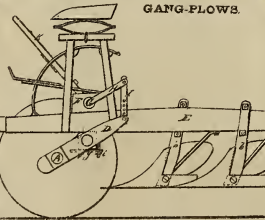
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PUMP-TUBES.94,490, LEWIS GUTHRIE.
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94,498, ADIN T. MANLY.

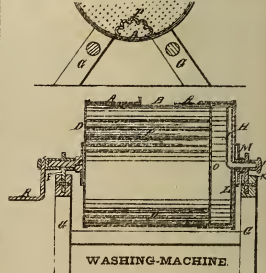
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94,491, FRANK A. HILL.

GANG-FLOWS.



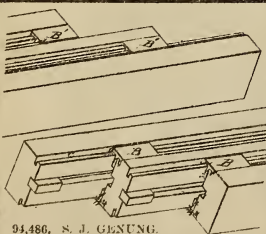
94,499, MOSES S. MARSHALL.



WASHING-MACHINE.

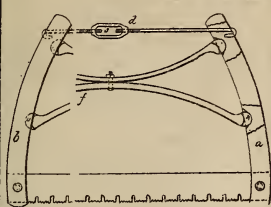
94,486, S. J. GENUNG.

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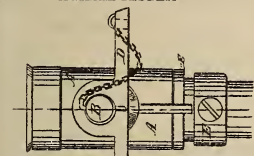


94,492, GEORGE JAMES HINDE.

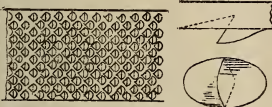
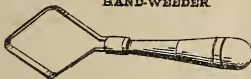
IMPROVEMENT IN COATING IRON
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94,500. DANL. MOORE. EDWIN MOORE.
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94,501. BERNARD MORAHAN.

94,502. DANIEL NEWTON.
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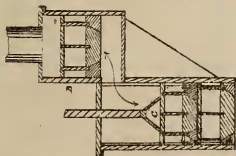
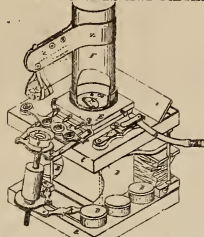
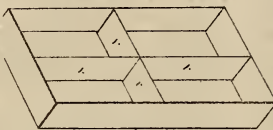
94,503. W. T. NICHOLSON. RASPS.

94,504. ARTHUR F. NOYES.
N. D. BEECROFT.
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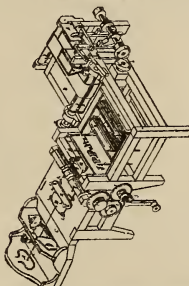
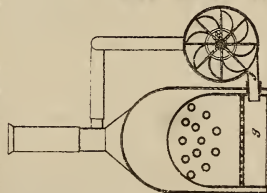
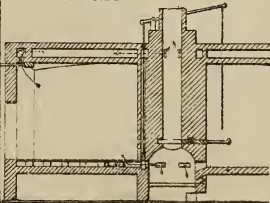
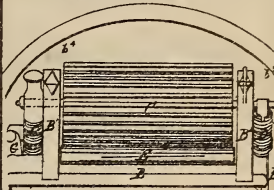
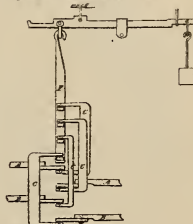
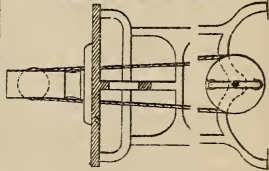
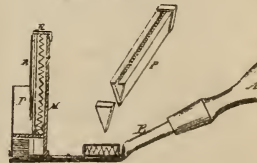
94,506. R. D. OZBURN. CHURNS.

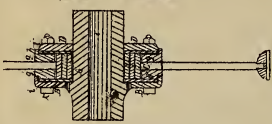
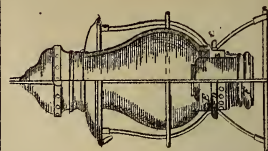
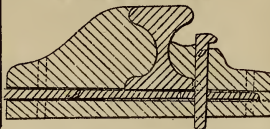


94,507. JOEL PATRICK. PUMPS.

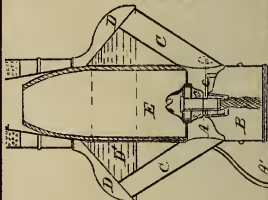
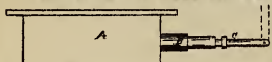
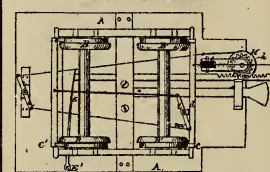
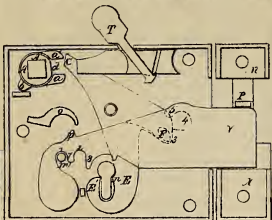
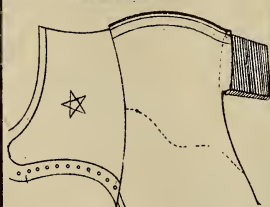
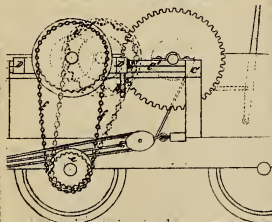
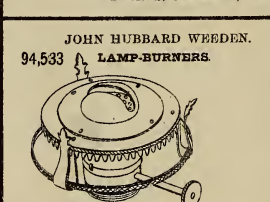
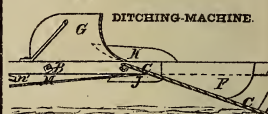
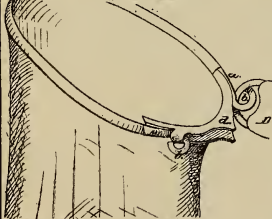
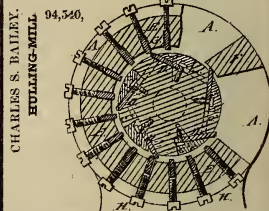
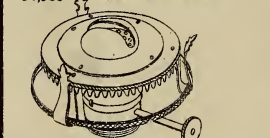
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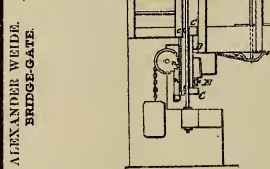
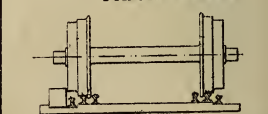
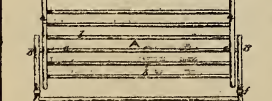
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94,521, TIMOTHY R. SMITH.
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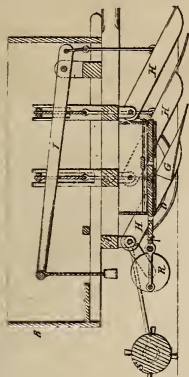
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94,529, W. P. TROWBRIDGE.
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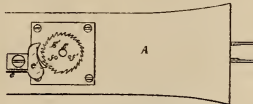
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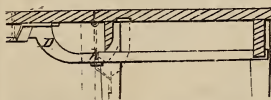
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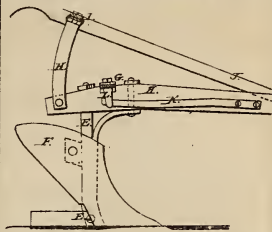
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94,548, **TABLE-LEAF SUPPORT.**
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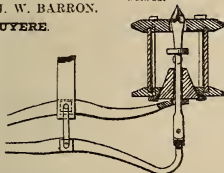


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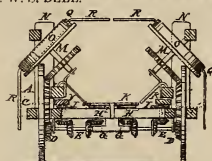


J. W. BARRON.
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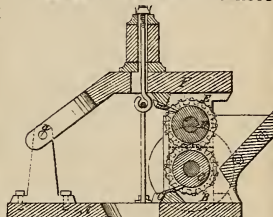
94,543.



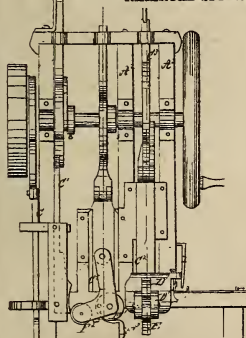
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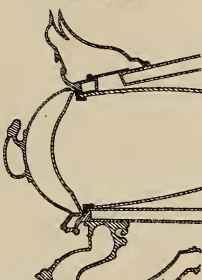
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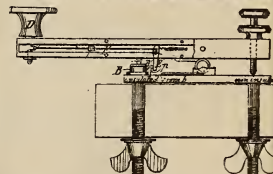
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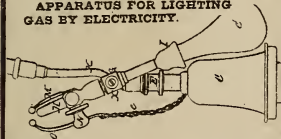
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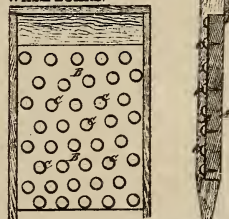
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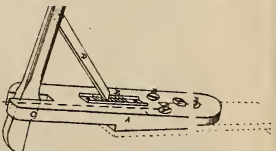
94,545, WILLIAM W. BATCHELDER.
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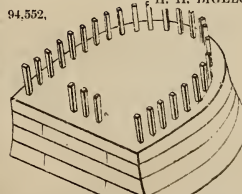
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C. BOWERS.
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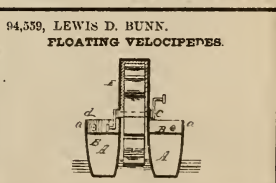
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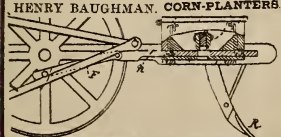
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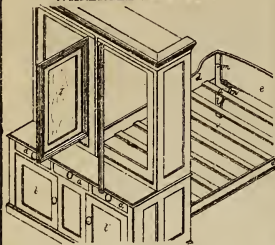
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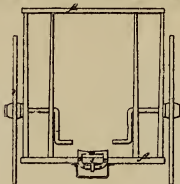
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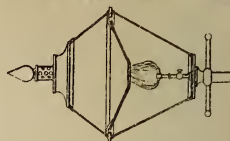
94,560. SANFORD S. BURE
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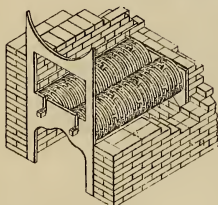
94,563. WM. B. CLARK. VELOCIPEDE



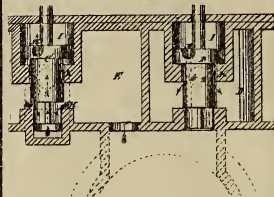
94,570. JOSEPH W. CREMIN.
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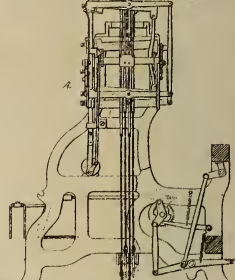
94,561. DAVID BYARD.
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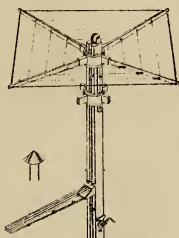
94,566. DANIEL COLLINS.
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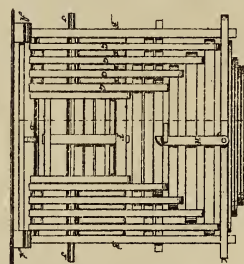
94,571. GEO. CROMPTON. LOOMS.



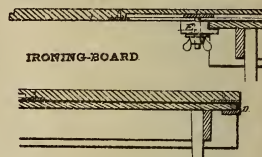
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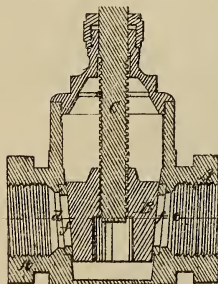
94,567. T. C. COLLINS. CLOTHES-DRIER



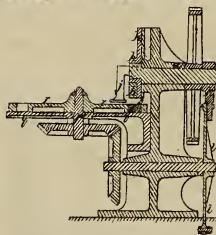
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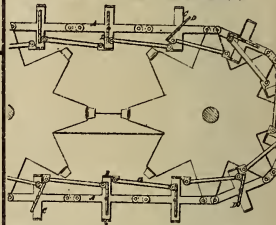
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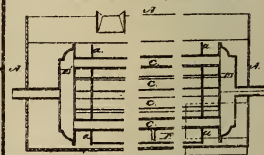
94,568. THOMAS COPE. GEORGE COPE
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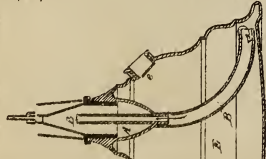
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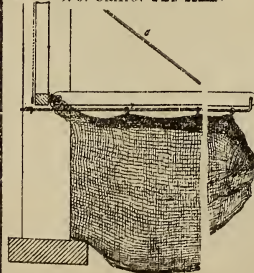
94,574. HENRY OUTLER.
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94,564. CHAS. OHINNOCK. OIL-CAN

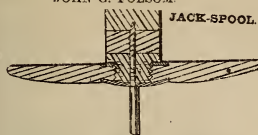


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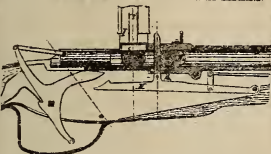
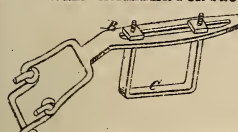
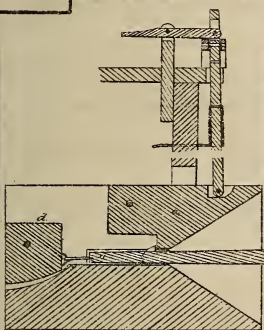


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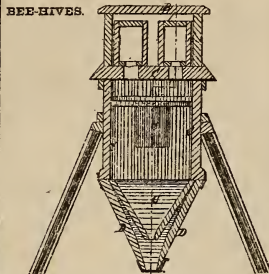


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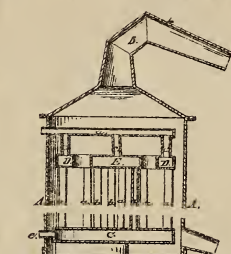
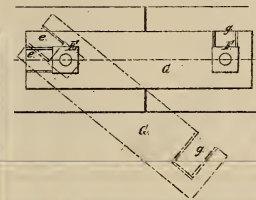
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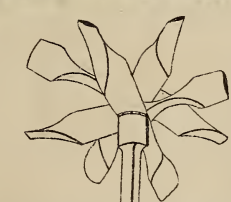
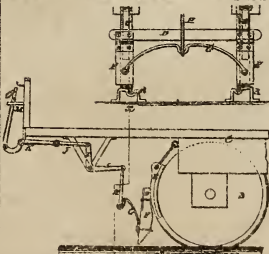
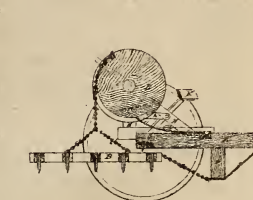
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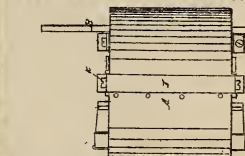
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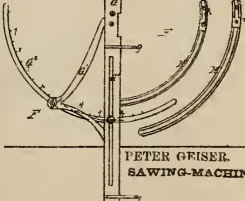
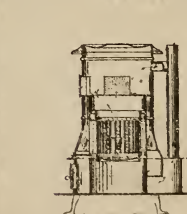
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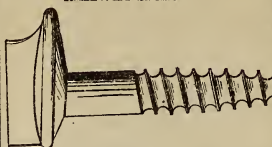
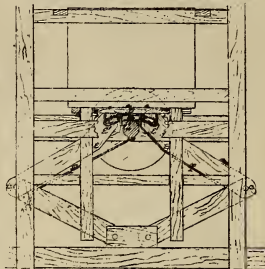
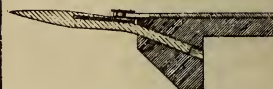
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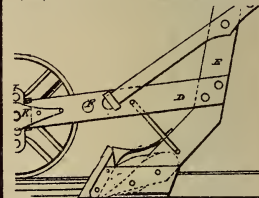
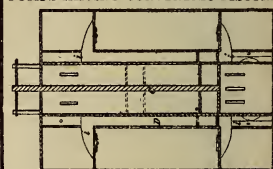
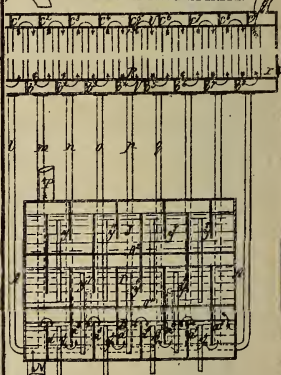
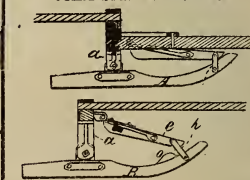
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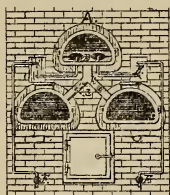
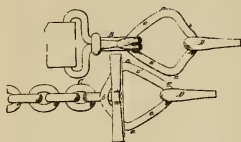
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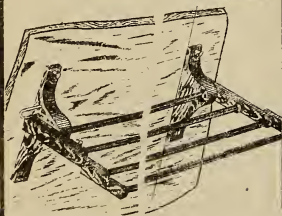
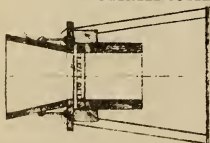
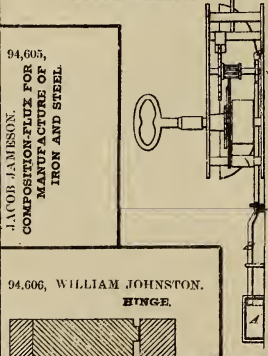
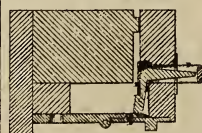
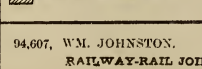
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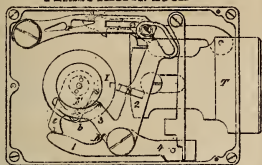
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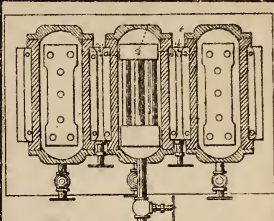
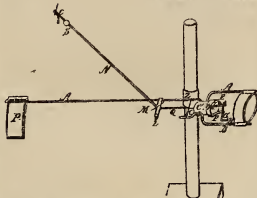
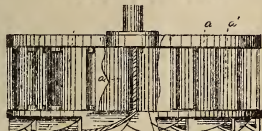
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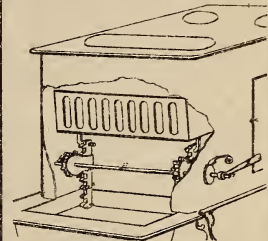
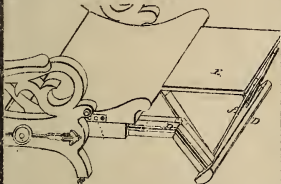
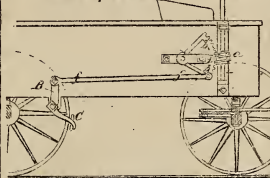
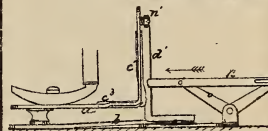
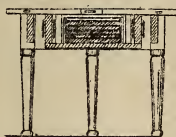
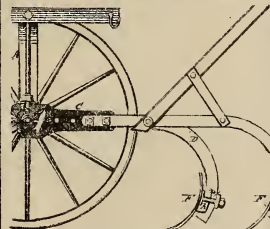
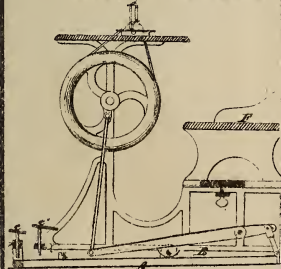
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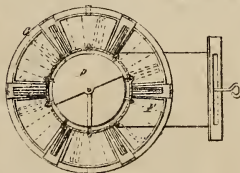
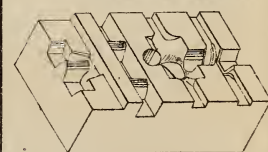
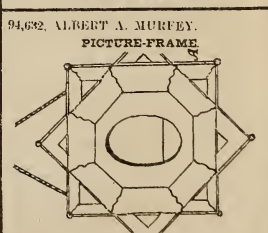
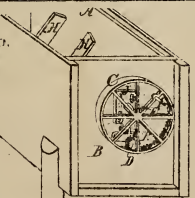
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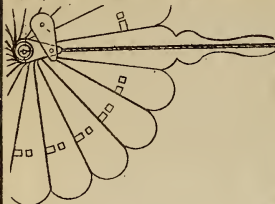
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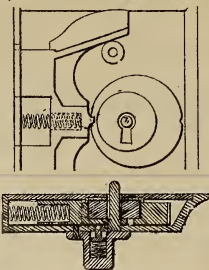
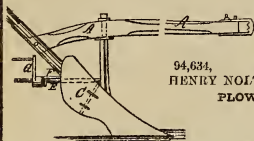
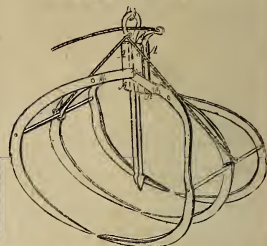
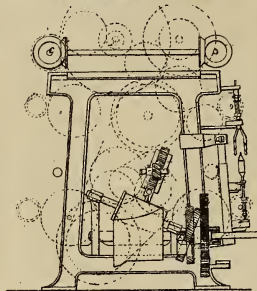
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94,630, F. B. MORSE.
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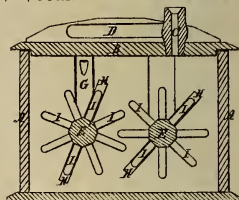
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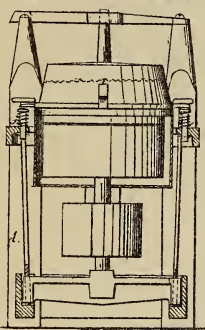
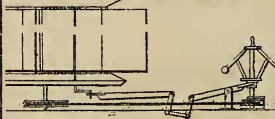
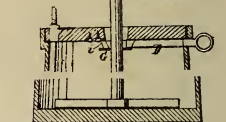
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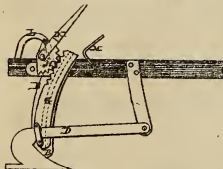
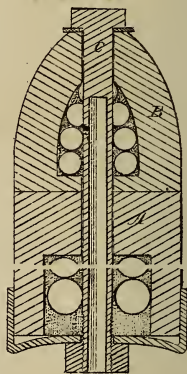
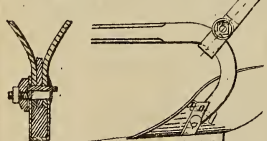
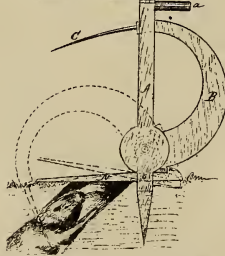
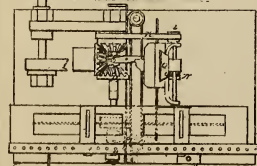
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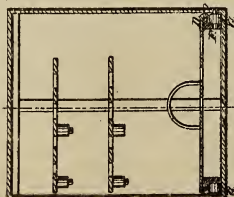
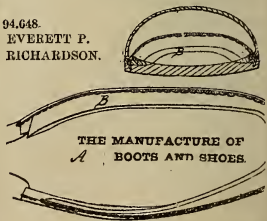
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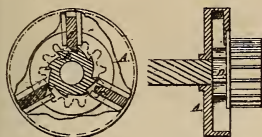
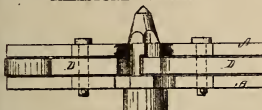
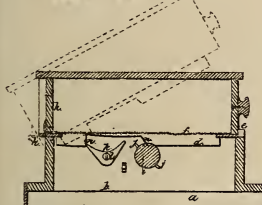
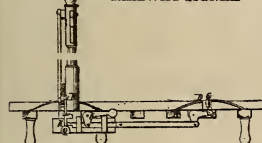
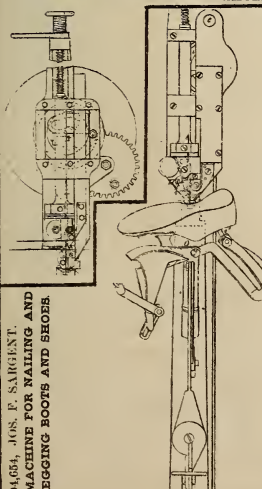
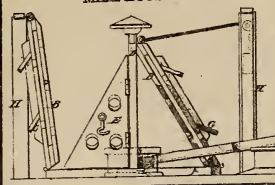
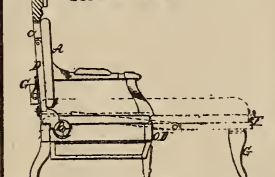
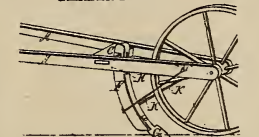
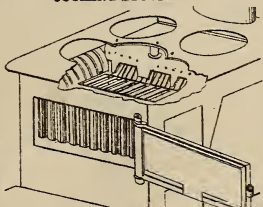
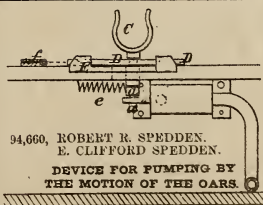
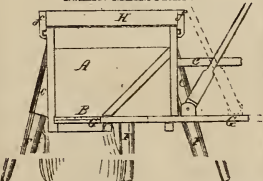
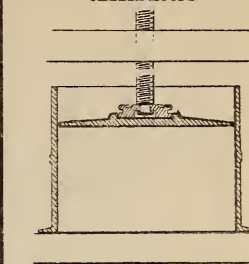
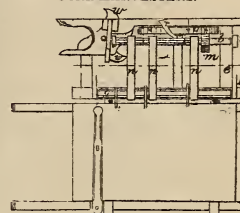
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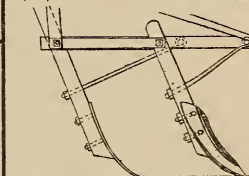
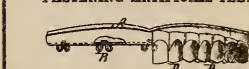
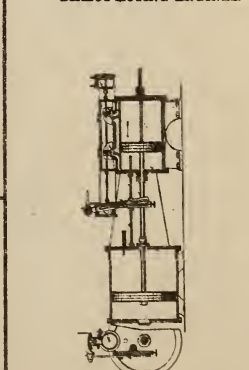
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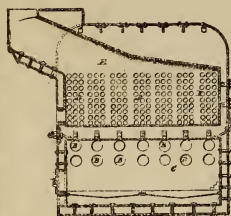
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94,649. WM. I. RISEDORPH. CLUTCH

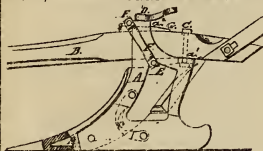
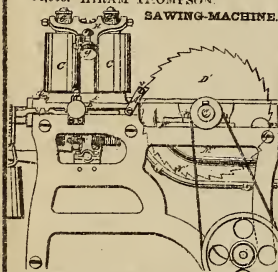
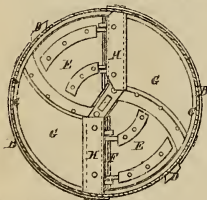
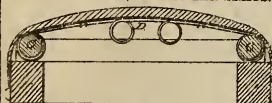
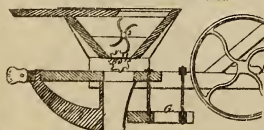
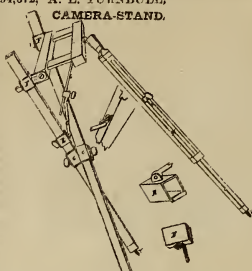
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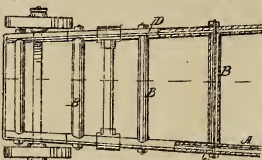
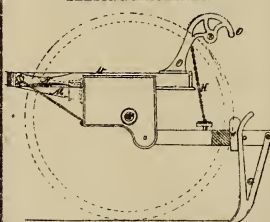
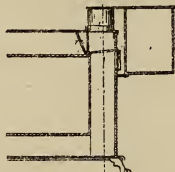
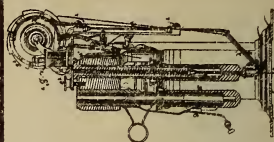
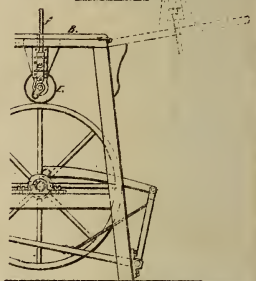
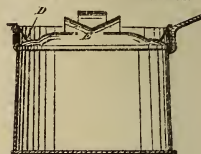
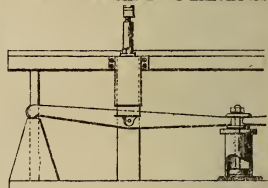
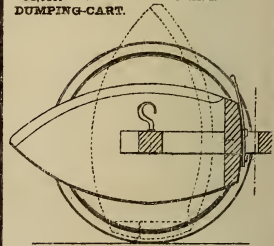
94,664. E. C. STONE. MODE OF
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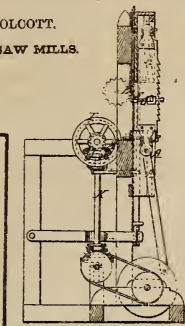
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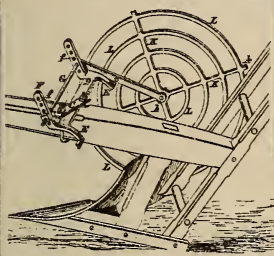
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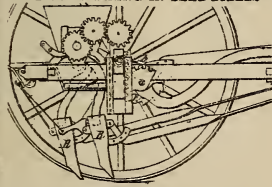
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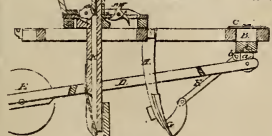
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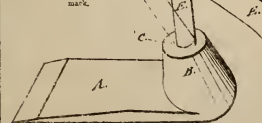
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JOHN P. ZELLER.
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AND PLANTING CORN.

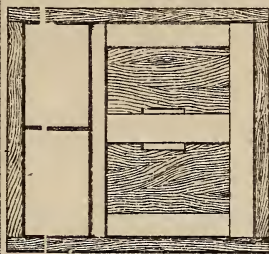
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EDWARD X GRAY.



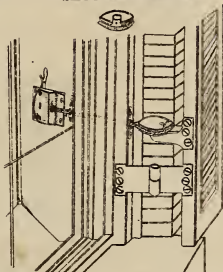
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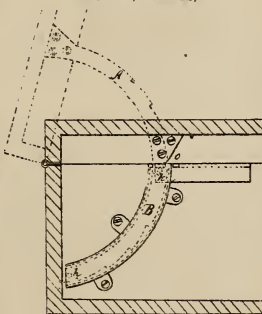
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ELIJAH WEAVER.
LEATHER CORD OR ROPE

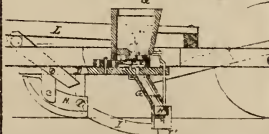
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THOS. H. BRALLEY.
SHUTTER-WORKER.

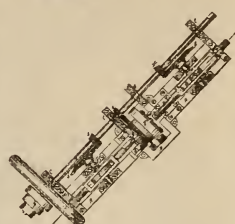
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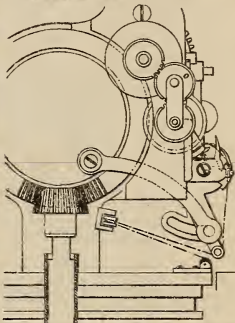
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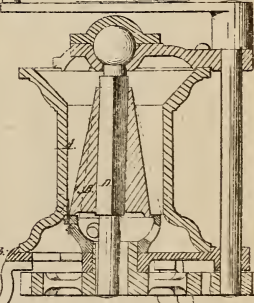
3,631.

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3,632.

B. A. EARL.
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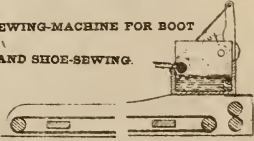
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3,634.

H. I. ANDREWS. INKSTANDS



3,635.

CHAS. GOODYEAR, JR.
FRANCIS DU BOIS.
FREDERICK REXAUD.
HENRY T. CLOSE.SEWING-MACHINE FOR BOOT
AND SHOE-SEWING.

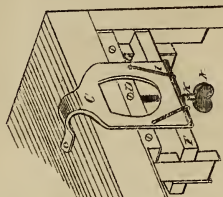
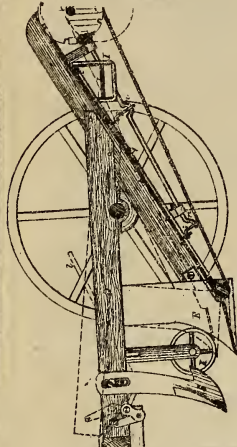
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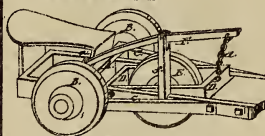
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SEP. 14, 1869.

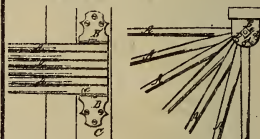
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JOHN R. HOPPER.
POTATO-DIGGERS.



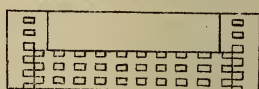
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94,703 JOSEPH M. BLAKE.
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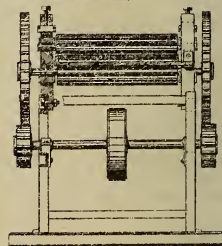
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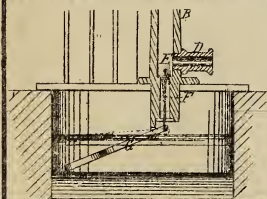
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HARVESTER-CUTTERS.



94,706 JAN. BOYCE.
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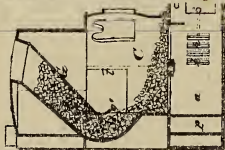
94,694 XAVIER AMOUN.
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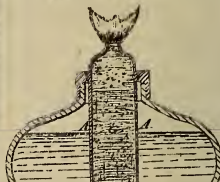
94,699 WILLIAM N. BERKELEY.
SLED-RUNNER.



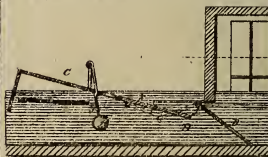
94,700 BENTLEY O. BIBB.
BASE-BURNING FIRE-PLACE HEATER.



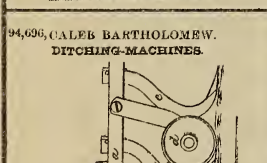
94,707 EDWARD D. BOYD.
LAMP-WICKS.



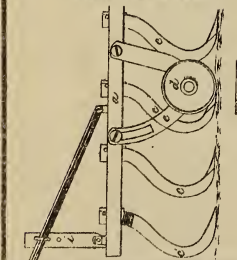
94,708 JULIUS BRANCH.
ANIMAL-TRAP.



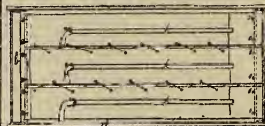
94,695 FRANCOIS AROUD.
IMPROVED SWEETMEAT.



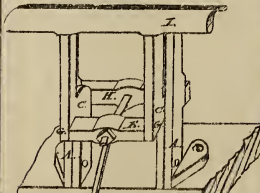
94,696 CALEB BARTHOLOMEW.
DITCHING-MACHINES.



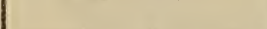
94,701 H. E. BISSELL.
SPRING BED-BOTTOM.



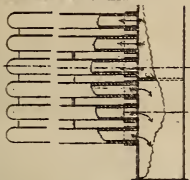
94,702 B. BLACKSTONE.
SAW-CLAMPS.



94,697 CHRISTIAN BATES
LEATHER-HOLDER.



94,709, DAVID CAMPBELL.
JOSEPH CAMPBELL.
SEYMOUR RAYMOND.
HOT-BLAST OVEN



94,710 LUKE CHAPMAN.
WRENCH



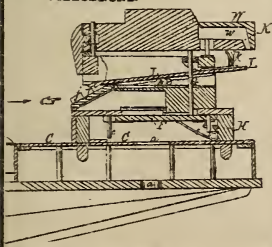
94,711 GEO. H. CHINNOCK.
TOILET-MIRROR



94,712 GEO. H. CHINNOCK.
TOILET-MIRROR



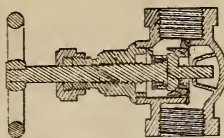
94,713, J. R. CLUXTON
MELODEONS



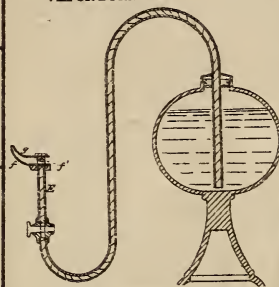
94,714 JOHN COCHRANE
GAS-RETORT



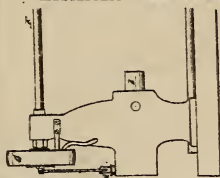
94,715, M. R. COLVIN.
GLOBE-VALVES



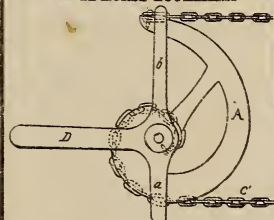
94,716, ISAAC COOK
VAPOR-BURNERS



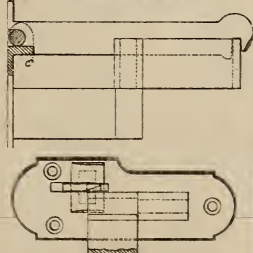
94,717 ALFRED B. COUCH.
HYDRAULIC WHEEL-PRESSES



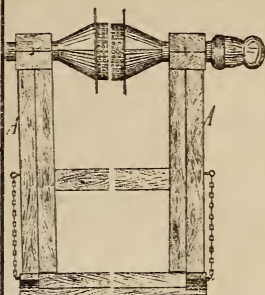
94,718, GILES CRAMTON.
THREE-HORSE EQUALIZER



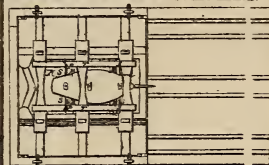
94,719.
JOHN E. CRYER.
BLIND-FASTENING.



94,720, GEORGE DATSPRING.
EDWARD FITZKI.
CLOTH-SPONGING MACHINES.



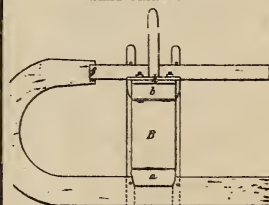
94,721 E. MORTIMER DEEY.
TRANSPORTING SHIPS OVER LAND.



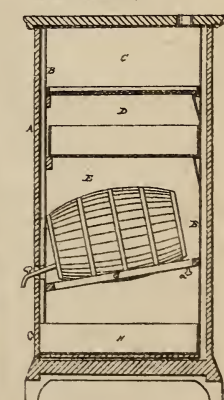
94,722. JOS. R. DE MAHY.
VAPOR-BURNERS.



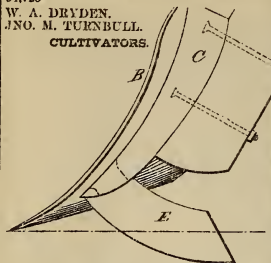
94,723, LYMAN R. DEXTER.
SLED-CLAMP.



94,724, J. J. DOEPKEN.
REFRIGERATOR

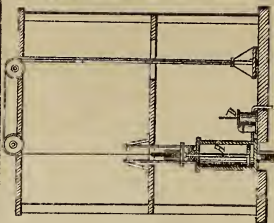
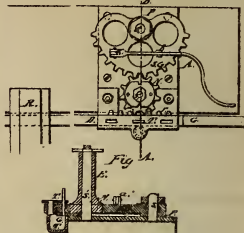


94,725

W. A. DRYDEN.
JNO. M. TURNBULL.
CULTIVATORS.

94,732, HENRY FLAD.

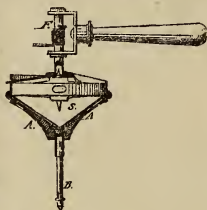
HYDRAULIC ELEVATOR.

94,738, DANIEL HALDEMAN.
RAILWAY-SWITCH.

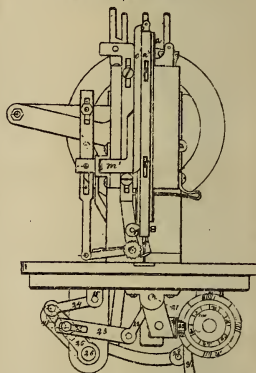
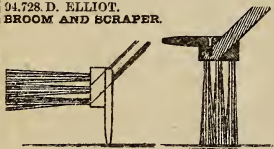
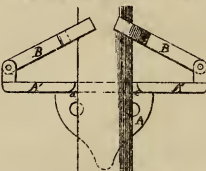
94,726, A. K. EATON

MANUFACTURE OF CRUCIBLES

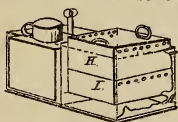
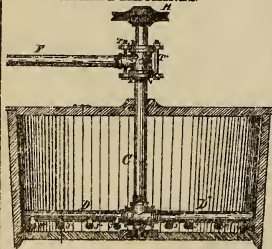
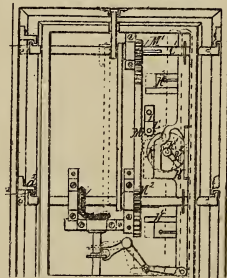
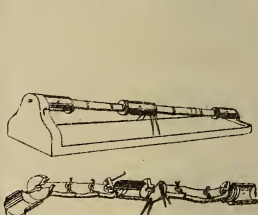
94,727, JACOB EDISON. TUBULAR WELLS.

94,733, LUDWIG OTTMAR FRANKE.
SPINNING-TOP.

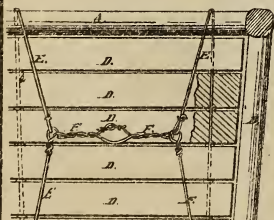
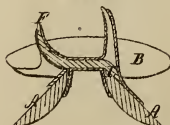
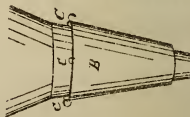
94,739, EDWD. S. HARDY.

MATERIAL FOR COVERING
STEAM-BOILERS, PIPES.94,740, LUKE HEERY.
SEWING-MACHINE.94,728, D. ELLIOT.
BROOM AND SCRAPER.94,734, HENRY L. FRANKLIN.
EUGENE CLARK.
BROOM OR MOP-HOLDER.

94,729, MICHEL G. FAGAN. LUNCH-BOX.

94,730, LOYAL C. FIELD.
MASHING-MACHINES.94,735, OWEN GALLAGHER.
DOOR-BOLTS FOR SAFES.94,741, JOHN HEUTERMANN.
TUNNELING-ROD COVER.

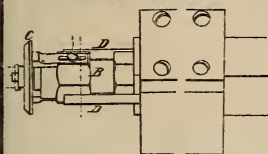
94,731, LUTHER W. FIELD. CHAIR-SEAT.

94,736, HENRY A. GARVEY.
ARTIFICIAL MARBLE OR
PLASTIC MATERIAL.94,737, JOHN T. GATHRIGHT.
JOHN C. FREEMAN.
SIDE-SADDLE94,742, HENRY F. HILDEBRAND.
AIR-ESCAPE FUNNELS.

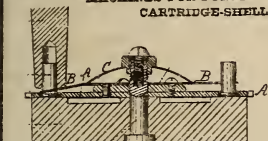
94,743, A. C. HOBBS. PERCUSSION-CAPS



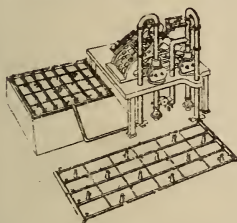
94,744. A. C. HOBBS.
FORMING EXTERNAL
RECESSES IN THE HEADS
OF CARTRIDGE-SHELLS



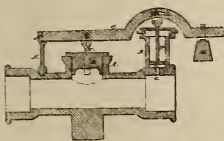
94,745 A. C. HOBBS. T. V. BOYDEN.
MACHINES FOR FORMING
CARTRIDGE-SHELLS



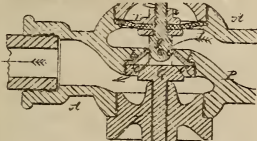
94,746 BIRDSILL HOLLY.
WATER-SUPPLIES FOR CITIES.



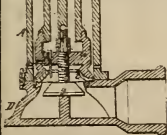
94,747 BIRDSILL HOLLY.
SAFETY-VALVES FOR WATER-PIPS.



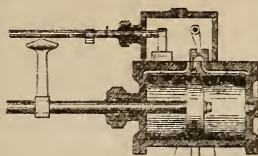
94,748 BIRDSILL HOLLY.
AUTOMATIC REGULATING-VALVES.



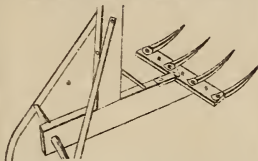
94,749 BIRDSILL HOLLY. HYDRANTS.



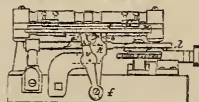
94,750 JOSEPH W. HOPKINS.
VALVES FOR STEAM-ENGINES.



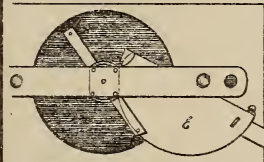
94,751 WM. HUNTER. D. M. HUNTER.
IMPROVEMENT IN SOIL-TILLER.



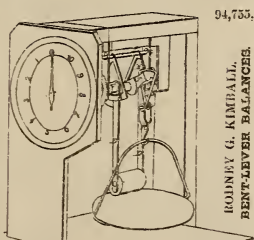
94,752 OLIVER P. HUSSEY.
DRAWING-FRAME



94,753 W. L. C. KEMP. CHURNS



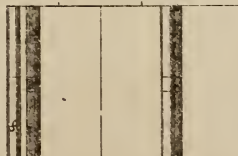
94,754 WILEY KENTON.
PHOTOGRAPHIC HEAD-REST.



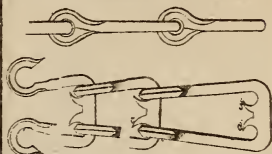
94,755.

RODNEY G. KIMBALL.
BENT-LEVER BALANCES.

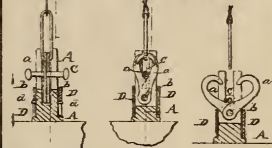
94,756 JEFFERSON KINDLEBERGER.
WILLIAM AUGUSTUS ARNOLD.
IMPROVED REVERSIBLE EUT



94,757 CHESTER KING.
S. F. JOHNSON. FLAT CHAIN.

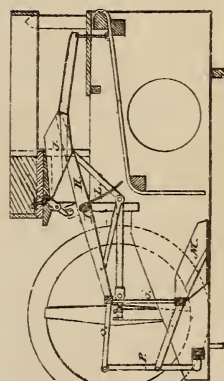


94,758 JOHN H. KINGSLAND.
AUTOMATIC BOAT-DETACHING
APPARATUS.

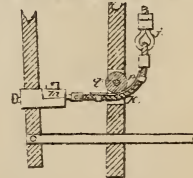


94,759.

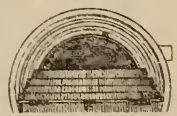
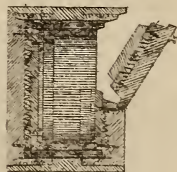
ALFRED S. LINDBACK.
WATER-POWER.



94,760 OLIVER D. LOMBARD.
PICKING-MECHANISM FOR LOOMS.



94,761 WM. McFARLAND.
BURGLAR-PROOF SAFES



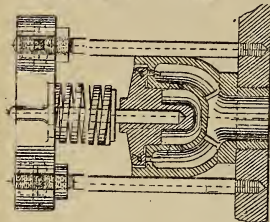
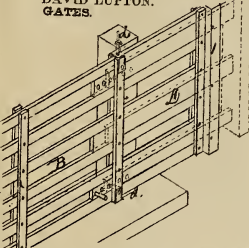
94,762, R. McMURRAY.

BOLT FOR TRUNK-TRAYS.



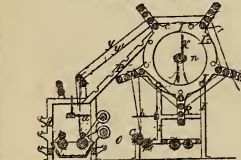
94,763, GEO. F. MORSE.

STEAM SAFETY-VALVES.

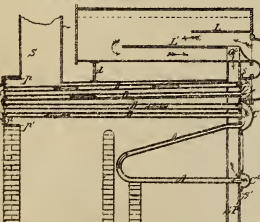
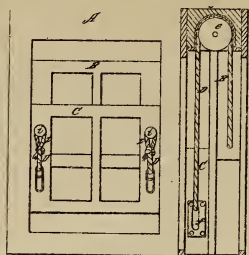
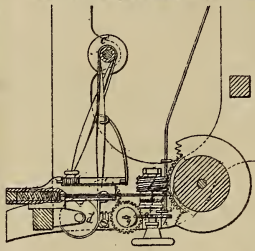
94,764, GERSHOM MOTT,
JOSHUA MORRIS, JR.,
DAVID LUPTON,
GATES.

94,765, MOSES NELSON.

WARP-DRESSING MACHINE.

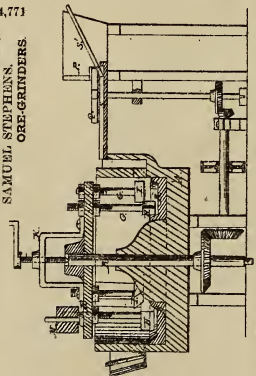
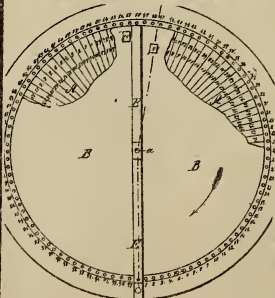


94,766, WM. PATTON.

B. C. ENGLISH.
COMBINED WATCH-KEY
AND KEY-RING.94,767, LEONARD PHLEGER.
STEAM-GENERATORS.94,768, W. H. PILGRIM.
BASE-BALANCE.94,769, WILLIAM POTTER,
LEONARD J. LABOUNTY.
LET-OFF MECHANISM FOR LOOMS.

94,770 CANCELED.

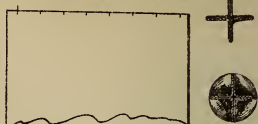
94,771

JOSEPH W. V. RAWLINS.
SAMUEL STEPHENS.
ORE-GRINDERS.94,772, J. H. R. REFFELT.
CALCULATING-MACHINE.

94,773, WILLIAM S. REYBURN.

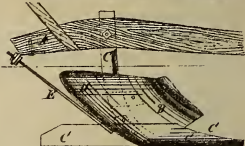
F. J. MARTIN.

LIGHTNING-RODS.

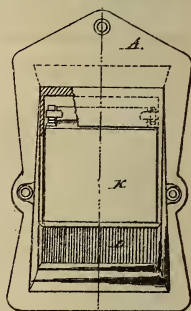


94,774, J. REYNOLDS.

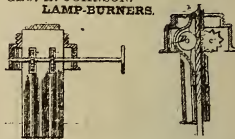
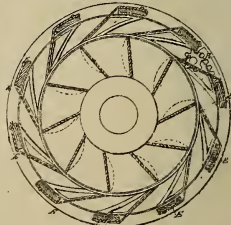
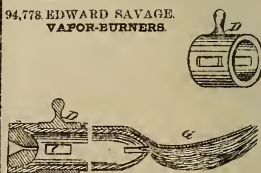
COMBINED FLOW AND SCRAPER.



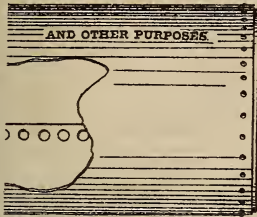
94,775.

HIRSH RICHMOND.
MATCH-SAFES.

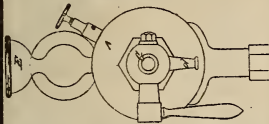
94,776, WILLIAM F. RIPPON.

GEO. A. JOHNSON.
LAMP-BURNERS.94,777, REUBEN E. ROYER.
WATER-WHEELS.94,778, EDWARD SAVAGE.
VAPOR-BURNERS.

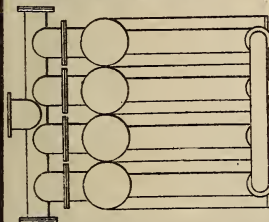
94,772 V. R. SCAIFE.
STEAM-GENERATORS FOR KITCHEN



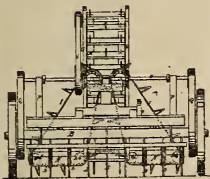
94,780 NICHOLAS SEIBERT.
LUBRICATORS



94,781, THOMAS SHAW.
STEAM-GENERATORS



94,782, ANDREW SHELINE.
HAY-RAKER AND LOADER



94,783, EDWIN R. SHEPARD.
RAILWAY-RAIL FASTENING.

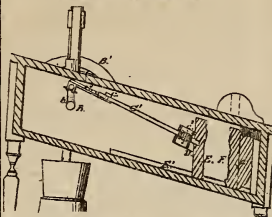


94,784, LEWIS H. SHULAR.
CLOD-ENDERS FOR GROWING PLANTS.

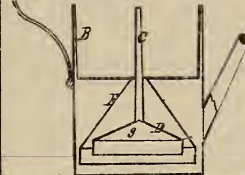


94,785, J. W. SMITH.
COMPOSITION FOR PAVING.

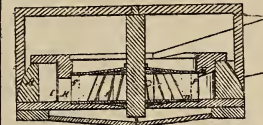
94,786, JUSTUS SMITH.
WASHING-MACHINES.



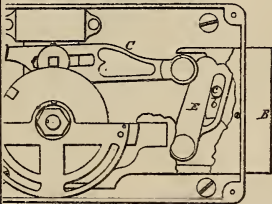
94,787, O. F. STEDMAN.
COFFEE-POT.



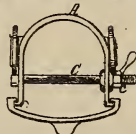
94,788, SEYMOUR G. STEVES.
SCROLL WATER-WHEELS



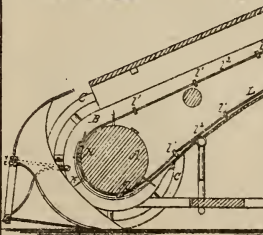
94,789, T. J. SULLIVAN.
PERMUTATION-LOCKS



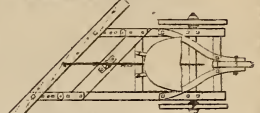
94,790, HENRY SUTLIFF.
POST-HOLE EXCAVATORS.



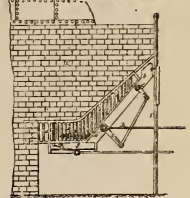
94,791, FRANCIS TERWILLEGER.
JOHN R. IDELL.
HAY-RAKERS AND LOADERS.



94,792 JAMES K. THOMPSON.
STREET-SCRAPER.



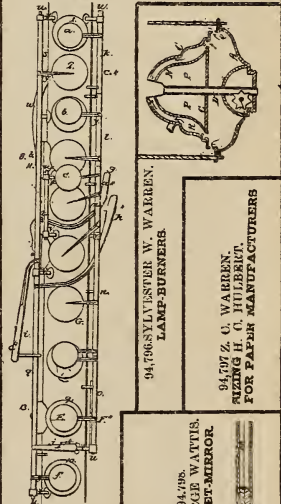
94,793 MATTHEW TILDESLEY.
JAMES BIRD.
FURNACES FOR STEAM-GENERATORS



94,794 SYLVENUS WALKER.
STOVE-COVER LIFTER.



94,795 OSCAR J. G. WARDRUM.
FLUTES.



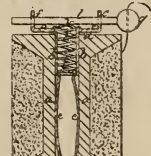
94,796 SYLVENUS W. WARREN.
LAMP-BURNERS.

94,797 G. C. WARREN.
RIZING H. C. HULBERT.
FOR PAPER MANUFACTURERS

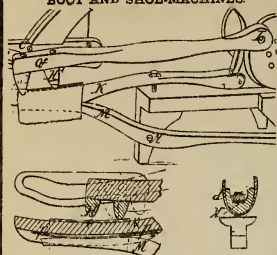
94,798.
GEORGE WATTIS.
TOILET-MIRROR.

94,799 H. WEBSTER.
PROCESS OF RECTIFYING AND REFIN-
ING WHISKY AND OTHER SPIRITS

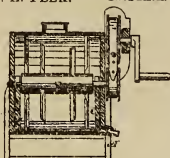
94,800 MARCUS BROWN WESTHEAD.
ROBERT SMITH.
TENSION-ATTACHMENT FOR SPOOLS



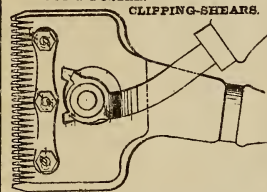
94,801 J. E. WIGGIN.
BOOT AND SHOE-MACHINES.



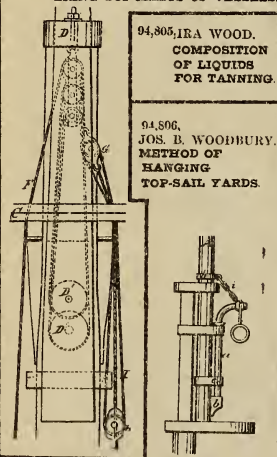
94,802 J. H. WILDASIN.
J. A. PEEK.
CHURNS.



94,803 JOHN C. WILSON.
ADAM WALKER,
JOHN FOSTER.
CLIPPING-SHEARS.

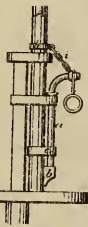


94,804 WILLIAM WINCHESTER.
PURCHASE FOR HOISTING AND LOW
ERING TOP-MASTS OF VESSELS.

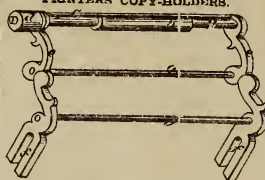


94,805 IRA WOOD.
COMPOSITION
OF LIQUIDS
FOR TANNING.

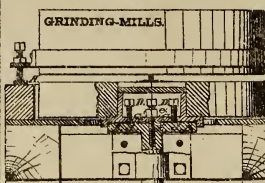
94,806,
JOS. B. WOODBURY.
METHOD OF
HANGING
TOP-SAIL YARDS.



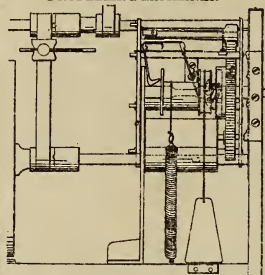
94,807 W. H. YOUNG.
CHAS. J. YOUNG.
PRINTERS' COPY-HOLDERS.



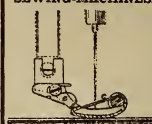
94,808 ABRAHAM BRIGGS.



94,809 WM. Z. W. CHAPMAN.
PROPELLING MACHINERY.



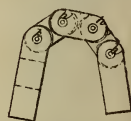
94,812
F. A. CONTESSA.
PRESSER-FOOT FOR
SEWING-MACHINES.



94,813 JAMES DICKKY.
TORPEDOES FOR OIL-WELLS.



94,814 JOEL FALES.
FLOOR-GAUGE.

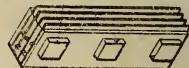


CHARLES H. FRANKLIN.

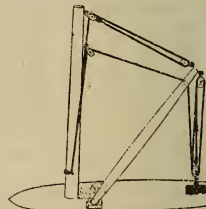
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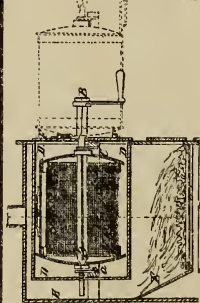
94,816 PHINEAS FROST, GRINDING-
PLATE FOR PAPER-PULP ENGINES.



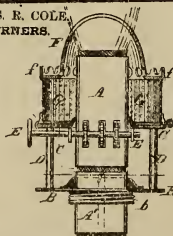
94,817 EBENEZER C. GREEN.
HOISTING-APPARATUS.



94,810,
ADOLF COHN.
COFFEE-ROASTER.



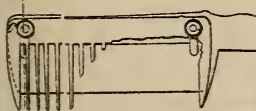
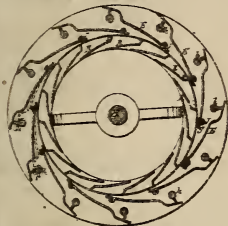
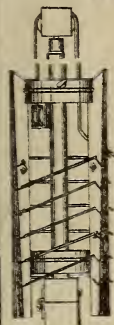
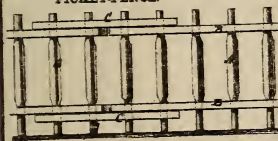
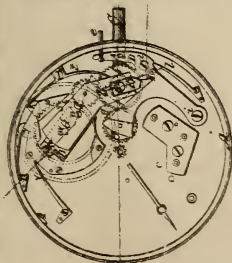
94,811 JAS. E. COLE.
LAMP-BURNERS.



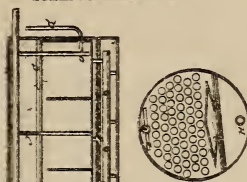
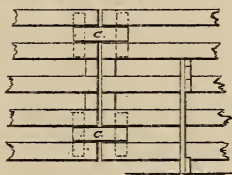
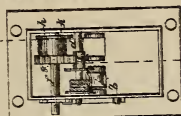
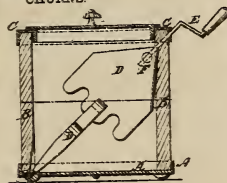
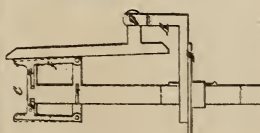
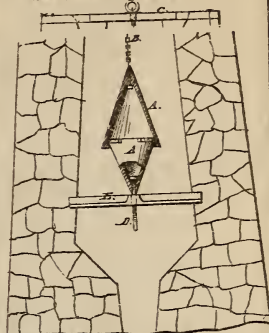
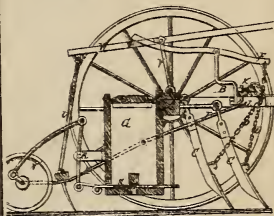
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FLOATING VELOCIPEDS.



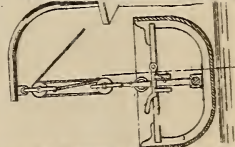
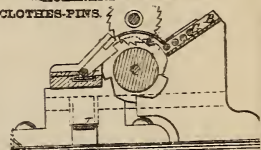
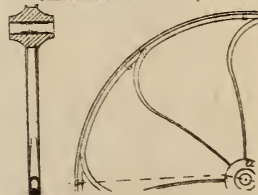
94,819 JOHN L. S. HALL.
COMPOUND FOR CURING
CORNS, BUNIONS, &c.

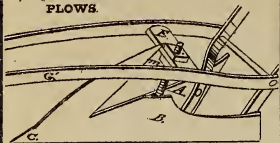
94,820, GEORGE A. HARLEY.
HAIR-CUTTERS.94,821, JOSEPH BATHAWAY.
WATER-WHEELS.94,822, MARTIN R. HELIKER.
CLOTHES-DRIER.94,823, JAS. R. HUNDRICKS.
AXLE-BOX.94,824, H. N. HILL.
PICKET-FENCE.94,825, VITALIS HMMER.
STEM-WINDING AND SETTING-
ATTACHMENT TO WATCHES.

94,826, CANCELED.

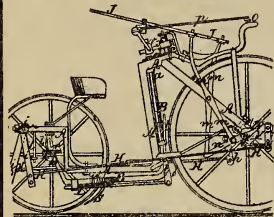
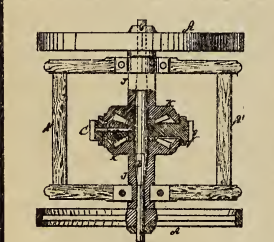
94,827, LEVI S. IVES.
STEAM-GENERATORS.94,828, CHAS. E. JOHNSON.
PORTABLE FENCE.94,829, JACOB G. JONES.
SASH-BALANCE.94,830, JAMES KING
CHURNS.94,831, EDUARD LARSEN.
TOBACCO-PIPE STEM.94,832, R. O. LOWREY.
COMPOUND OF HARD RUBBER
AND FIBROUS MATERIAL.94,834, MODEST MEER.
CARRIAGE-AXLE GAUGES.94,833, WM. A. MADARA.
SMELTING-FURNACE.94,835, A. J. MISENHIMER.
PLANTER AND CULTIVATOR.

94,836 CANCELED.

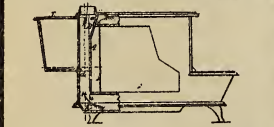
94,837, CHAS. H. NYE.
BOAT-DETACHING APPARATUS.94,838, A. J. OCKINGTON.
MACHINERY FOR MAKING
CLOTHES-PINS.94,839, JOHN A. REED.
CARRIAGE-WHEEL.94,840, PIERRE RIJY PETROU.
TOOTH-WAER.

94,841, N. ROBINSON.
FLOWS.

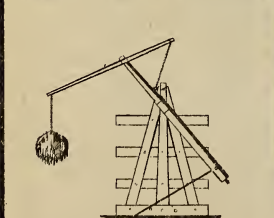
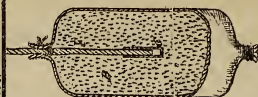
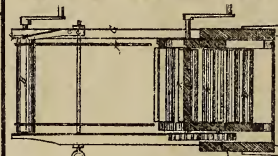
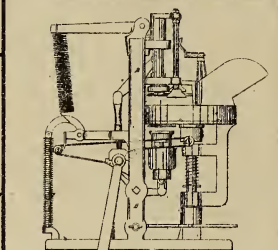
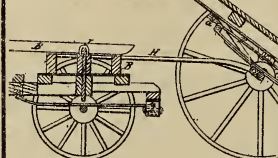
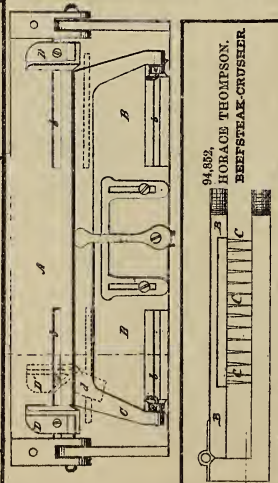
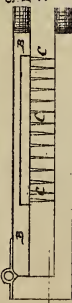
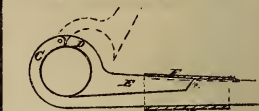
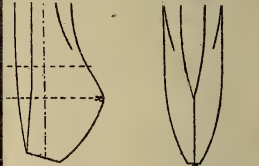
94,842, M. L. ROOD. VELOCIPEDE.

94,843, PELEG ROSE.
PAPER-PULP ENGINE94,844 T. SALISBURY.
ARRANGEMENT OF GEARING FOR
DRIVING AGRICULTURAL MACHINERY.

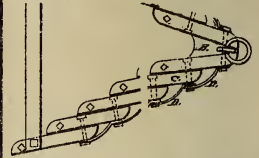
94,845, ROBT. SCORER. COOKING-STOVE.



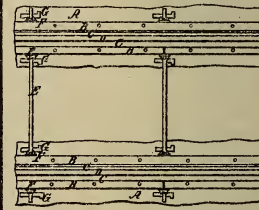
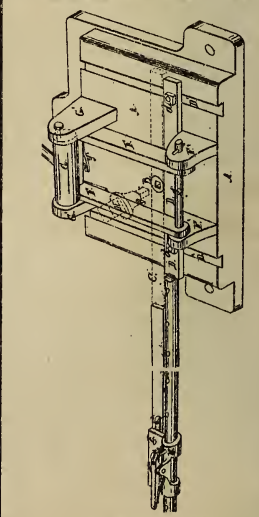
94,846, J. G. SEHORN. HAY-LOADERS.

94,847, TAL. P. SHAFFNER. CARTRIDGE
FOR ARTILLERY AND BLASTING.94,848, ORIN SKEEL.
WASHING AND WRINGING-MACHINE.94,849, THOS. J. SLOAN.
PORCELAIN-KNOB MACHINES.94,850, WILLIAM H. STEARRETT.
DUMPING-WAGON.94,851, W. A. TARBUTTON. MACHINES
FOR FORMING SHEET-METAL PANS.94,852, HORACE THOMPSON.
BEEFSTEAK CRUSHER.94,853, THOMAS C. WALTER.
THRILL-COUPPLINGS.94,854, JOHN M. WHARTNABY.
ROCK-DRILL.

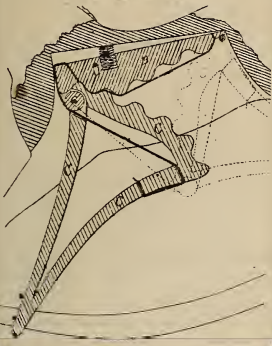
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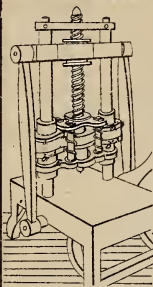
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94,857, JOSEPH ALONAS.
MACHINE FOR PUNCHING METAL.

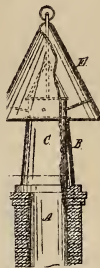
94,858 LAURITZ ANDERSON.
HOBBY-HORSE.



94,863, JOHN BIRD.
PRESS FOR MOULD
ING GLASSWARE.



94,864,
THOMAS BOYD
CHIMNEY-TOP.

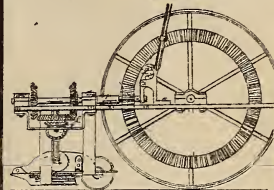


94,869, E. W. CLARK.
SOLUTION FOR THE
TREATMENT OF WOOD



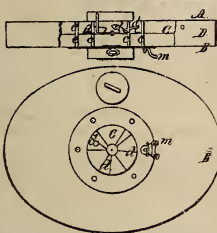
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WASHER-CUTTER

94,871, J. M. CONNELL HARVESTERS



94,859, CHARLES H. BAGLEY.
CHAS. E. MASON.

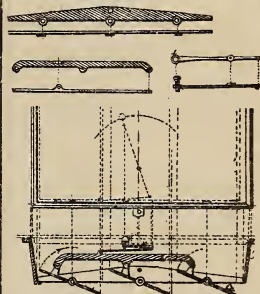
IN STOVE-PIPE SHELVES



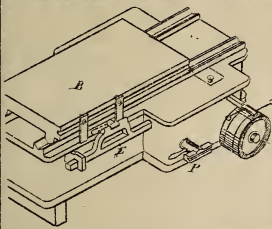
94,865, C. J. BRACKETBUSH.
C. E. MERRIFIELD.
HARVESTERS.



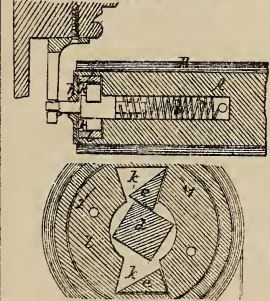
94,872, WM. G. CREAMER
HOT-AIR REGISTER.



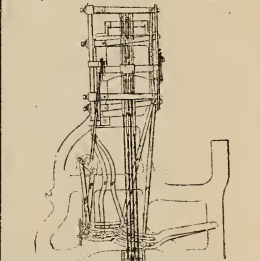
94,860 R. A. BELDEN. E. H. CUTLER.
MACHINES FOR PLANING METALS.



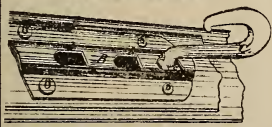
94,866, JABEZ BURNS.
WINDOW-SHADE FIXTURE.



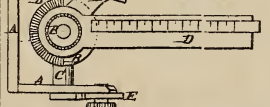
94,873, GEO. CROMPTON. LOOMS



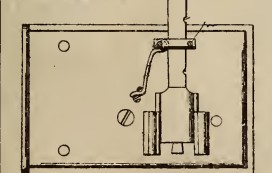
94,861 ADOLPH BERND ABNER & WHITE
GUSTAV BERND.
HARNESS-FASTENING.



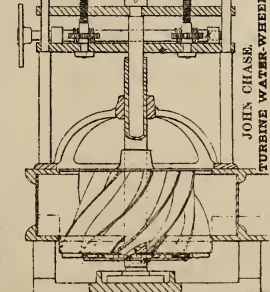
94,867, H. N. BURE.
COMBINATION-
SQUARE.



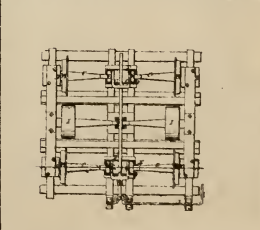
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KEY-HOLE GUARD.

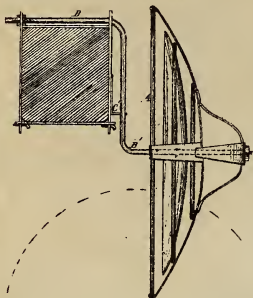


94,868, JOHN CHASE.
TURBINE WATER-WHEELS

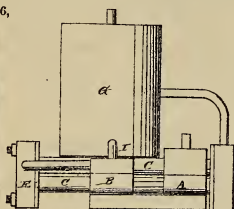


94,874, LANCELOT DAVIDSON.
CHANGEABLE-GAUGE RAILWAY-CAR
TRUCK

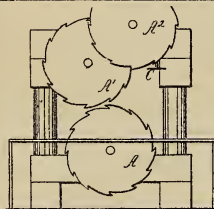
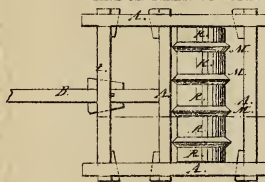
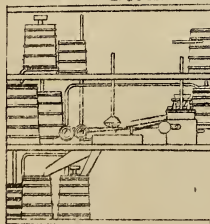


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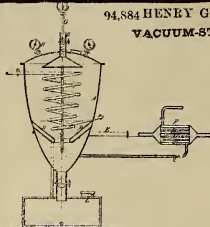
94,876,

FRANCIS B. DUNN.
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94,878,

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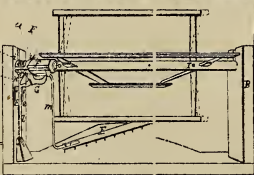
94,881, T. J. FLAGG SUSPENDER-ENDS.

94,882,
WILLIAM A. FRENCH.
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SURFACES OF STEAM-BOILERS, &c.94,883, WILLIAM A. FRENCH.
COMPOUND FOR COATING THE SURFACES OF
STEAM-BOILERS, &c.94,884 HENRY GROGAN.
VACUUM-STILL

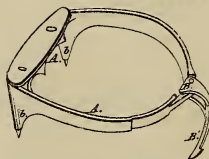
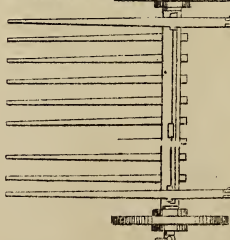
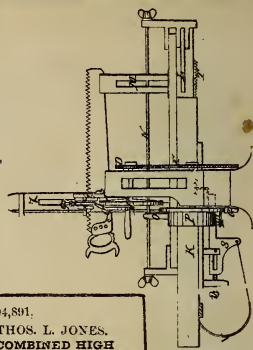
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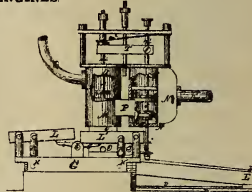
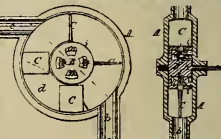
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94,886, C. L. HAMMOND.
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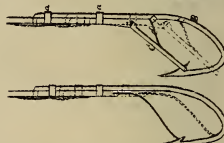
94,888, C. HOELLER. ICE-CREEPER.

94,889, JESSE HUDSON.
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94,891,

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AND LOW-PRESSURE
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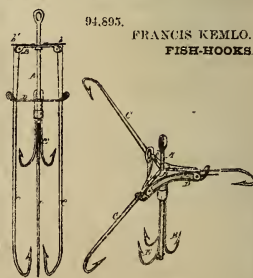
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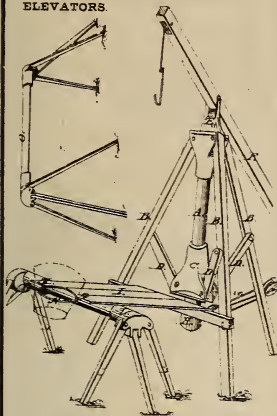
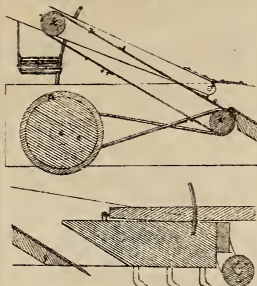
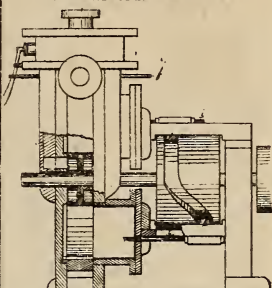
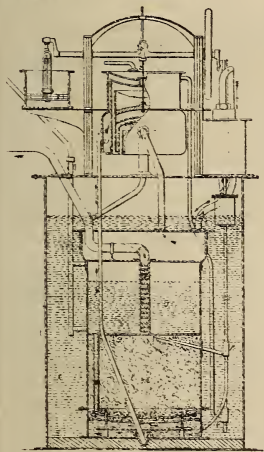
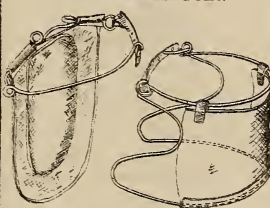
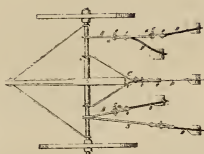
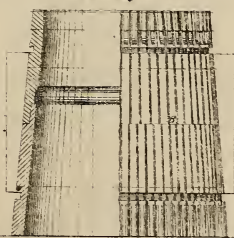
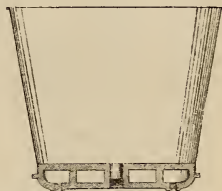
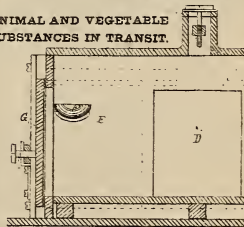


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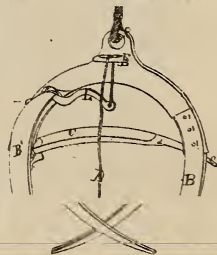


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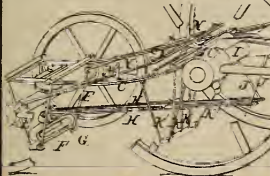
FRANCIS KEMLO.
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94,896, JAMES T. KETCHLEDGE.
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DITCHING-MACHINE.94,906, LEWIS H. MITCHELL.
LEVI STONE
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CULTIVATORS.94,904, J. McCUNE.
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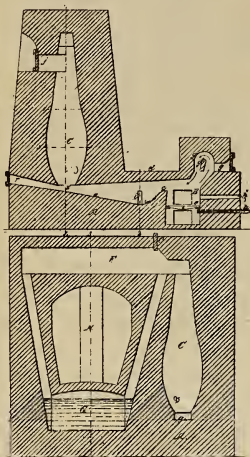
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HAND CORN-PLANTERS.

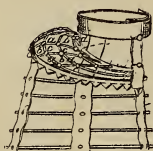
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94,900, WILLIAM LEONARD
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FRESH-AIR APPARATUS.

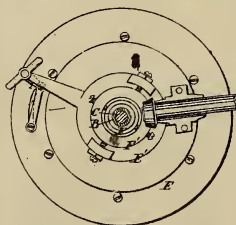
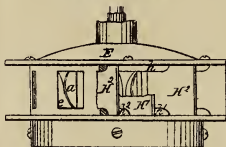
94,911. WILLIAM QUANN.
FURNACE FOR REDUCING GOLD,
SILVER COPPER, AND OTHER
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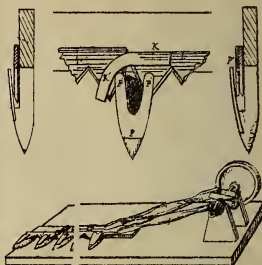
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BUSTLES.



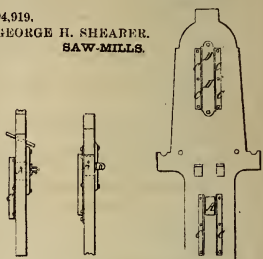
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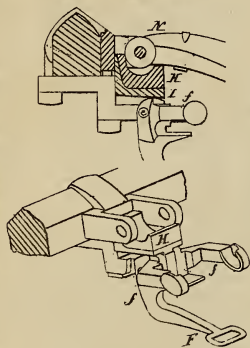
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HARVESTER-CUTTER



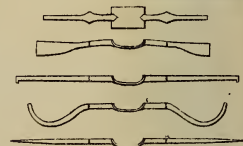
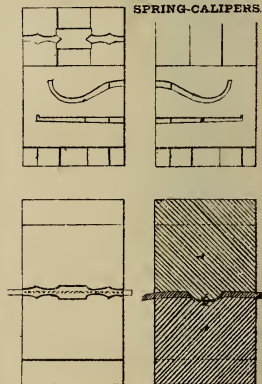
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GEORGE H. SHEARER.
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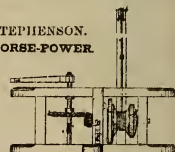
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THRILL-COUPPLINGS.



94,920. N. C. SMITH.
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SPRING-CALIPERS



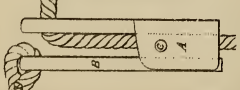
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JAMES G. STEPHENSON.
HORSE-POWER



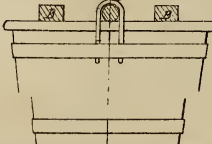
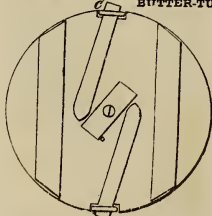
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SCAFFOLD FOR PAINTERS.



94,914. JOHN ROBBINS.
CLOTHES-LINE HOLDER.



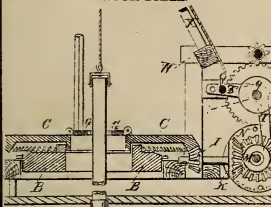
94,917. A. C. SAWYER
BUTTER-TUBS



94,922. ROBERT N. STEWART.
ATTACHMENT FOR GAS-BURNERS.



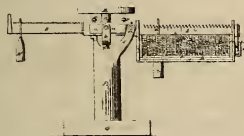
94,923. JOHN P. SUMMERS.
ROCK-DRILL.



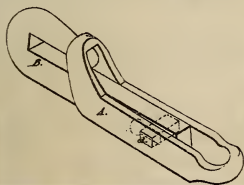
94,924. HANNAH G. SUPLEE.
SEWING-MACHINE NEEDLES.



94,925. W. F. SWEET.
INDICATING-ATTACHMENT
TO WEIGHING-SCALES.

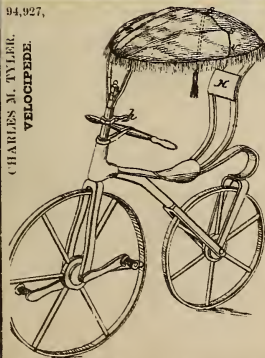


94,926. JAMES H. TRACY. HOOKS.



94,927.

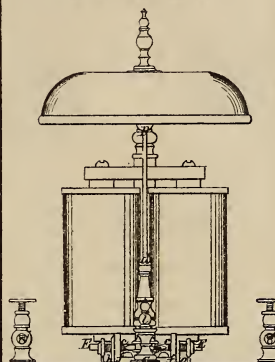
CHARLES M. TYLER.
VELOCIPÈDE.



94,928.
W. P. UHLINGER.
RUSTIC SETTEE.

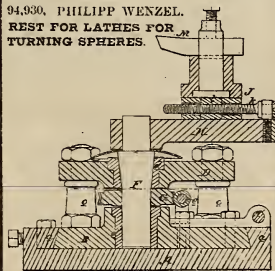


94,929. JOHN N. WELLS.
BURGLAR-ALARMS.

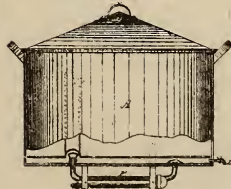


Wells' Collar Bell
Parker's Bell
Hunt's Bell
Hunt's Bell

94,930. PHILIPP WENZEL.
REST FOR LATHES FOR
TURNING SPHERES.



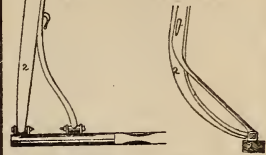
94,931. LEVI H. WHITNEY.
CLOTHES-BOILER.



94,932. JOSEPH B. WILSON.
CARRIAGE-AXLES.



94,933. WM. W. T. GREENWAY.
THILL FOR CARRIAGES.



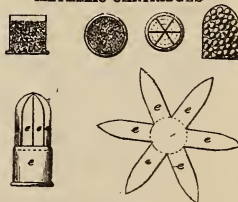
3,636. A. CHRISTIAN.
CHILDREN'S CARRIAGE.



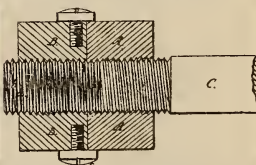
3,637. HENRY H. COLLINS.
BENJAMIN F. COLLINS.
HOME WEIGHT. FRUIT-JARS.



3,638. TIMOTHY J. POWERS.
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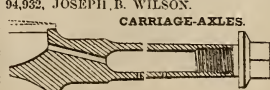


3,639. ALMON ROFF. LOCK-NUT.



3,640. JAMES OSWALD SWINNEY,
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3,641. MICHAEL THORNTON.
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ILLUSTRATIONS OF PATENTS

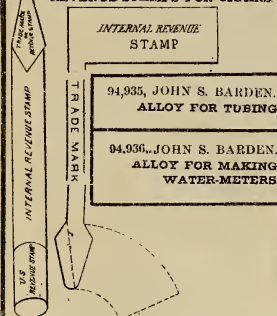
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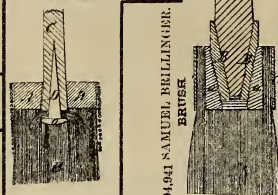
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REVENUE-STAMPS FOR CIGARS

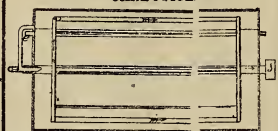
94,935, JOHN S. BARDEN.
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ALLOY FOR MAKING
WATER-METERS.

94,940, CHAS. BOECKH.

BRUSH.

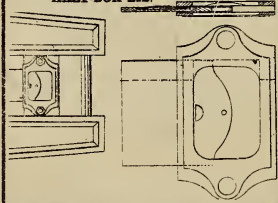


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APPARATUS FOR EVAPORATING
CANE-JUICE

94,943, JOHN BRISTOW.

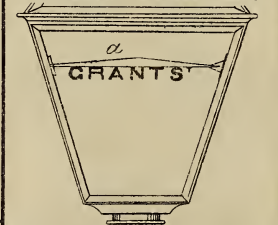
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94,944, ERASTUS CASWELL.

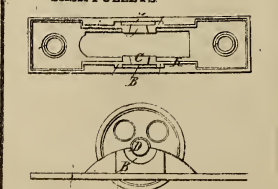
HERMAN LAUMANN.

SIGNS FOR STREET-LAMPS



94,945, CHARLES B. CLARK.

SASH-PULLEYS

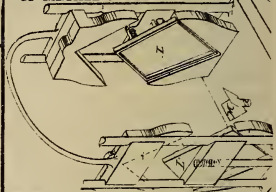


94,946, CHARLES E. CLUM.

SCRUBBER.



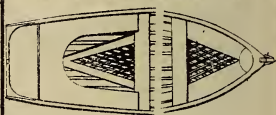
94,947, E. T. COVELL.

MACHINE FOR CLOSING THE SEAMS
OF METALLIC VESSELS

94,948, WILLIAM P. DAVIS.

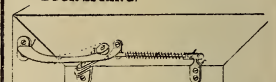
SAM. ELWELL, JR.

PROTECTOR FOR STEMS OF BOATS.



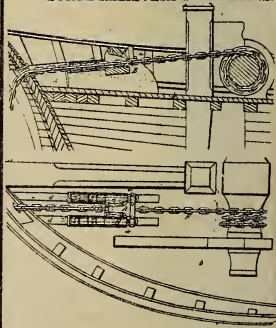
FREDERICK DODGE, 94,949,

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94,950, JOHN J. EMERY.

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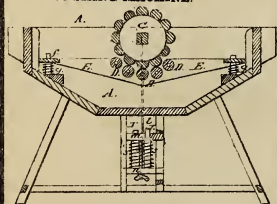
94,951, F. FIELD.

NECKTIES.



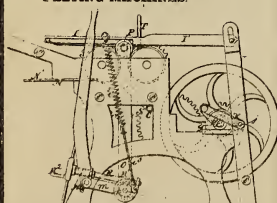
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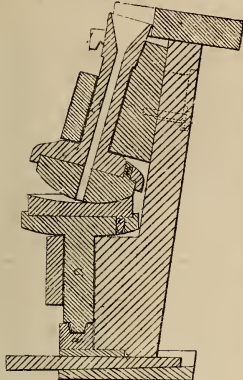
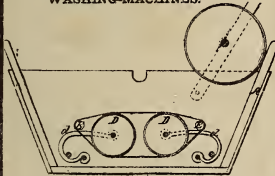
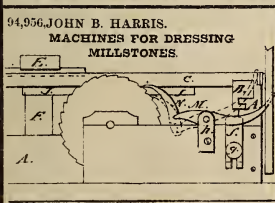
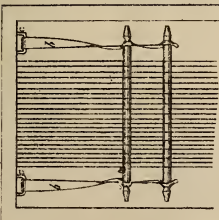
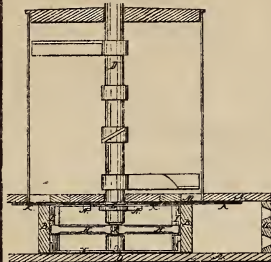
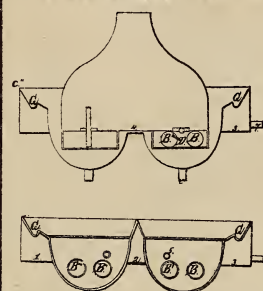
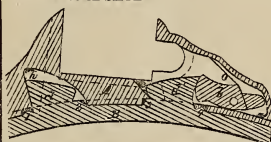
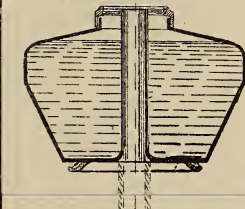
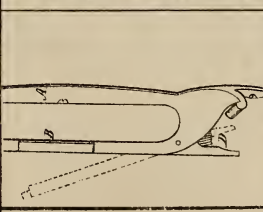
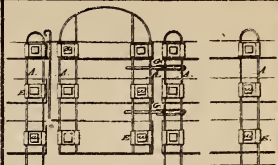
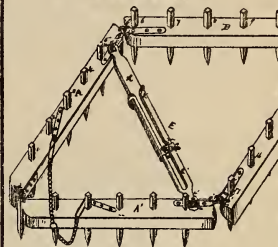
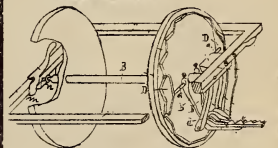
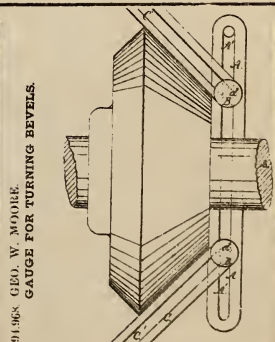
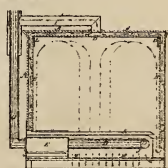
WASHING-MACHINE.

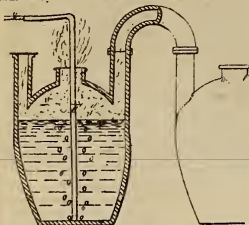
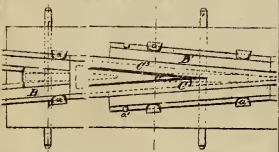
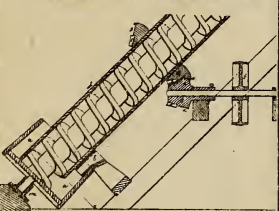
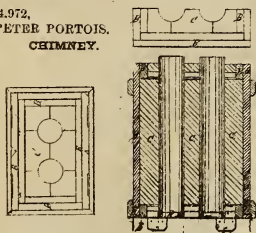
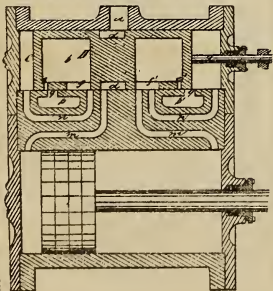
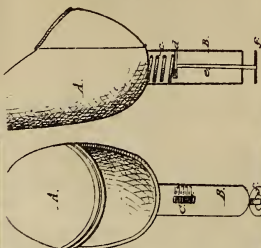
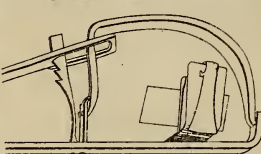
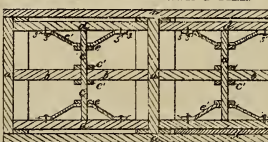
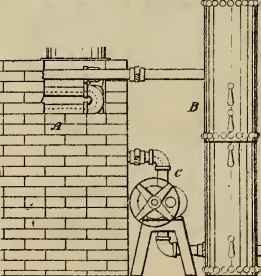
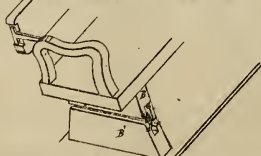


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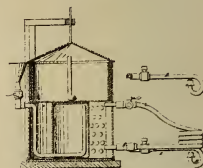
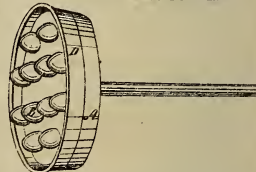
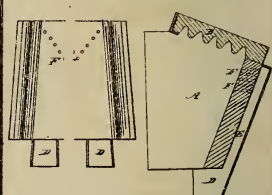
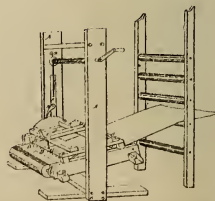
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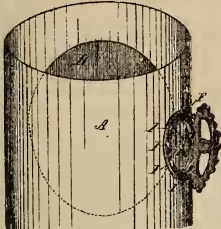
94,952, MORRISON FOSTER.
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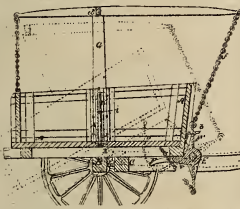
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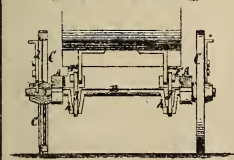
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94,989, GEORGE ALEXANDER.
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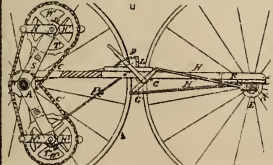
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ROCKING CARRIAGE.



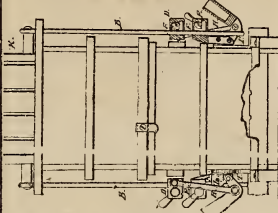
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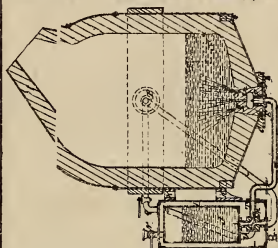
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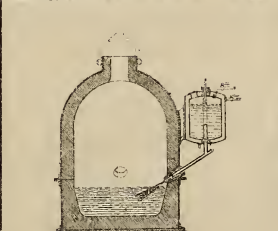
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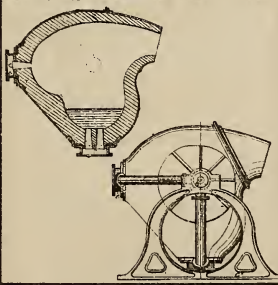
94,994, HENRY BESSEMER.
MANUFACTURE OF IRON AND STEEL



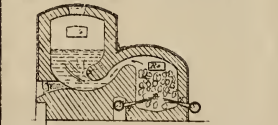
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MANUFACTURE OF IRON AND STEEL



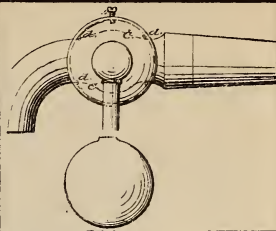
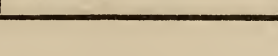
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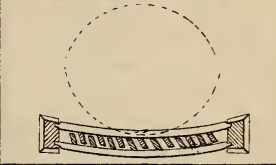
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MANUFACTURE OF IRON AND STEEL



94,998, A. BRINCKMANN.
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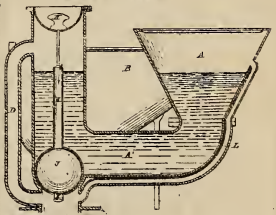
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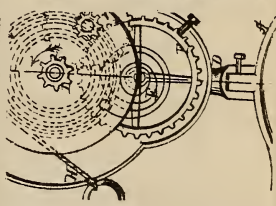
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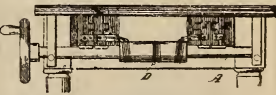
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WATER-CLOSETS.



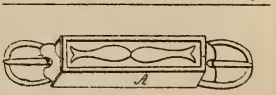
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SELF-WINDING LINE-MACHINE.



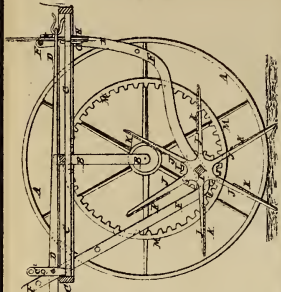
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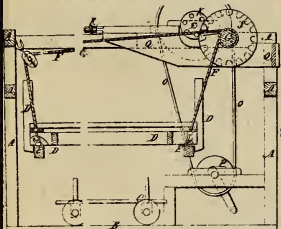
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BOX-LOOP FOR CARRIAGE-TOPS



95,005, WM. J. DAWSON.
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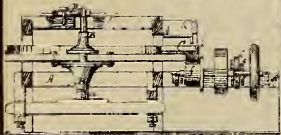
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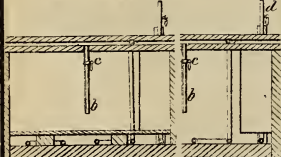
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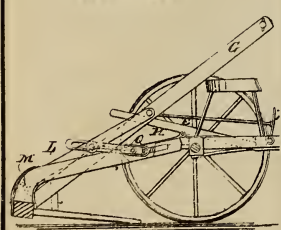
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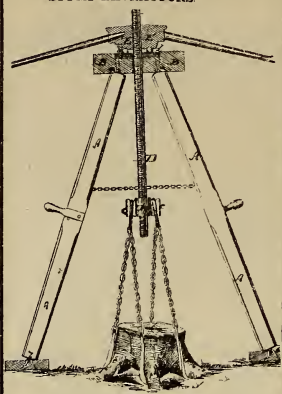
95,009, LEWIS C. ENGLAND.
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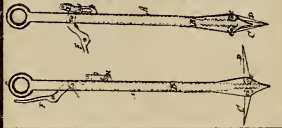
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HORSE HAY-RAKE



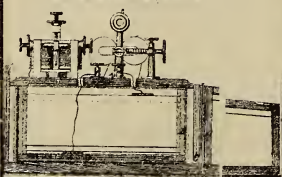
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STUMP-EXTRACTORS



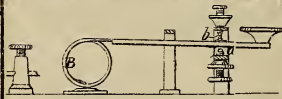
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HORSE HAY-FORKS



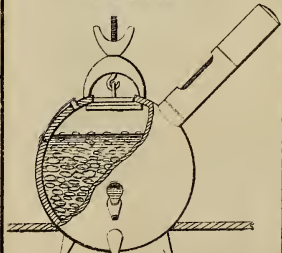
95,013, DAVID FLANERY.
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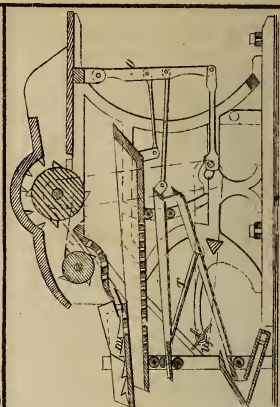
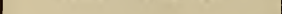
95,014 JOS. J. B. FREY.
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95,015, JAMES GALLOWAY.
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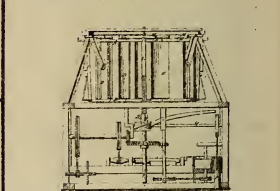


95,016, F. A. GEISLER.
THRESHING-MACHINES

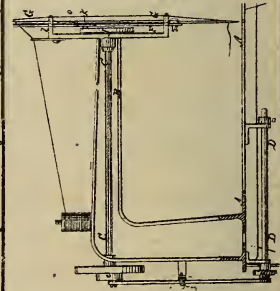


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MANUFACTURE OF GALVANIZED IRON

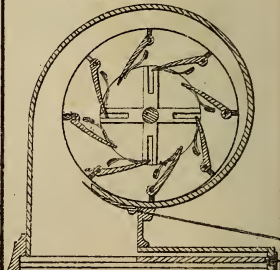
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95,019, M. C. HAWKINS.
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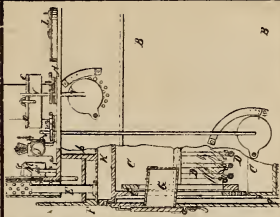
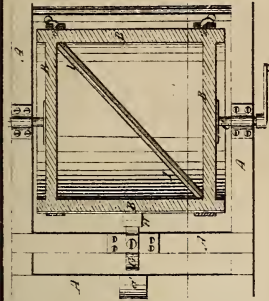


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WATER-WHEELS

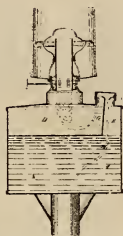


95,021, THOS. HOLMES.

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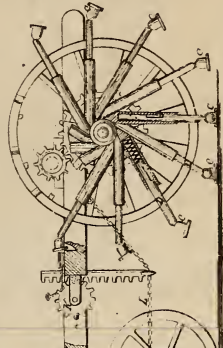


95,027, HENRY LONG. LAMPS



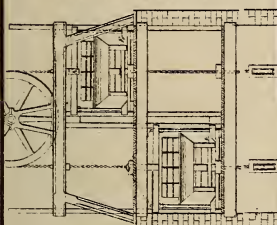
95,032, C. C. MERRIMAN.

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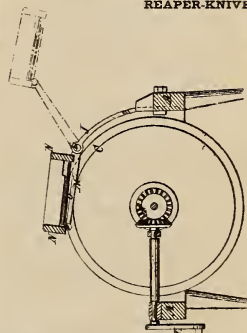
95,022 G. H. KAMNACHER.

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95,033, HENRY MILLARD.

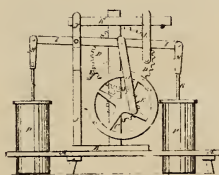
GRINDING MOWER AND REAPER-KNIVES



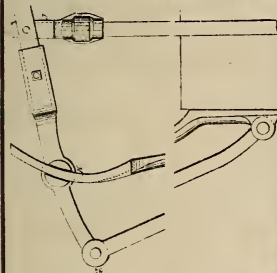
95,028, JOHN LONGMAID.

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95,029, SAMUEL D. LUCAS. CHURNS

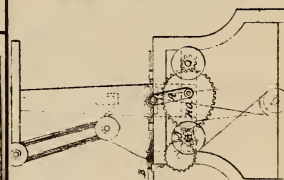


95,023, WM. KEGG. CHURN-DASHERS

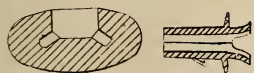


95,034, FRANKLIN H. MORRILL.

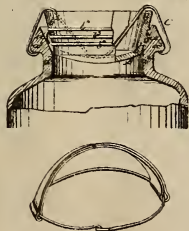
MACHINE FOR WINDING BOBBINS.



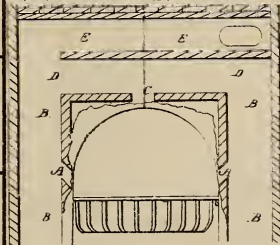
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95,025, J. M. W. KITCHEN. FRUIT-JARS

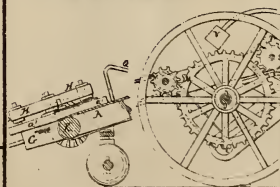


95,030, R. D. McDONALD. FIRE-PLACE



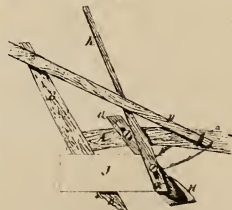
95,031, JOHN McLEISL.

CORN-HARVESTERS



95,035, ISAAC J. MORROW.

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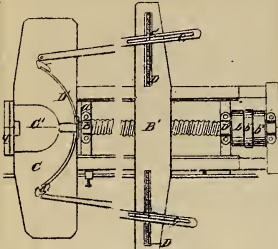
95,036, J. M. MUTTERSE.

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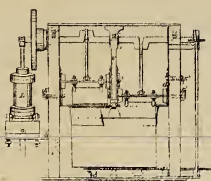
95,026, JOSIAH E. KLINE

RAILROAD-CAR HEATER

95,037, HENRY H. NICHOLS.
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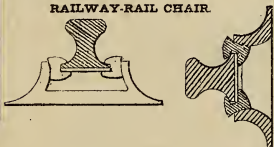
95,038, AUGUST NITTINGER, JR.
MEAT-CUTTING MACHINE.



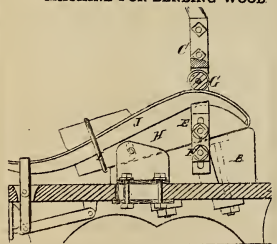
95,039, ALFRED PARAF.
EXTRACT OF MADDER FOR DYEING
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95,040, ALFRED PARAF.
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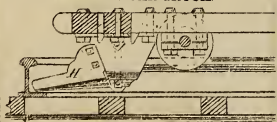
95,041, D. C. PIERCE.
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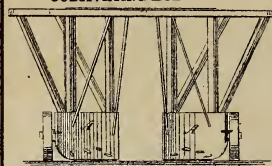
95,042, J. H. PRESTON.
MACHINE FOR BENDING WOOD



95,043, PERRY PRETTYMAN.
RAILWAY-CAR TRUCK



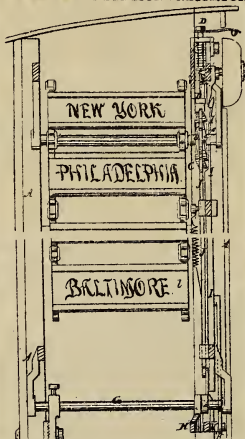
95,044, J. J. RAY,
JAS. R. YOUNG.
CULTIVATING-HOE



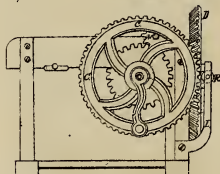
95,045, CHAS. A. D. RICE,
A. J. VAN DEREN.
GUIDES FOR STAMP-MILLS.



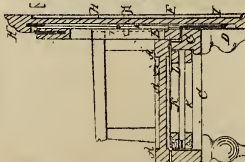
95,046, A. C. RODGERS.
RAILROAD-STATION INDICATOR



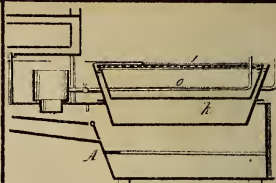
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95,048, WILLIAM H. SCHWALBE.
SOFA AND BEDSTEAD.



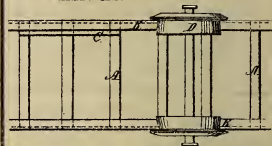
95,049, LEWIS SCOTT.
PAN AND FURNACE FOR
EVAPORATING



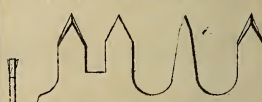
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HENRY J. SCHMEYER.



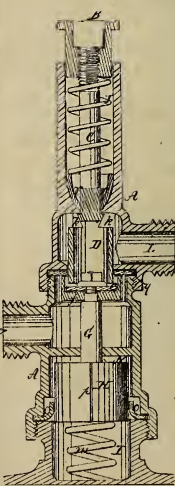
95,051, GEORGE V. SHEFFIELD,
JAMES F. COBURN.
RAILWAY.



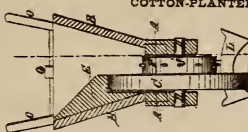
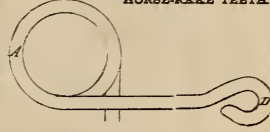
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ELIJAH G. PECKHAM. SAWS



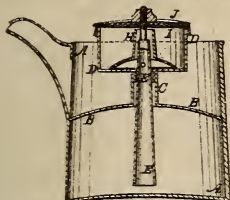
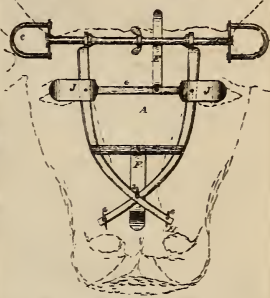
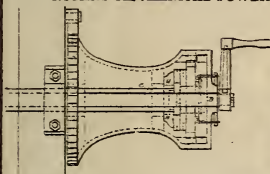
95,053, LUTHER L. SMITH.
NICKEL-FACED TYPE.



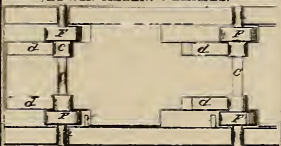
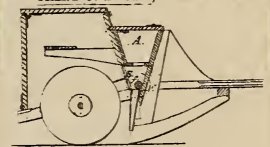
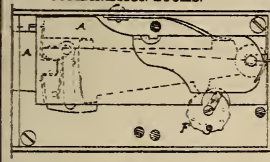
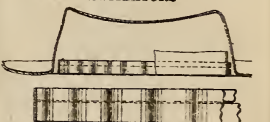
95,054, W. SMITH.
SLOW-CLOSING VALVES FOR WATER-CLOSETS.

95,053, LOUIS TRIPLETT.
SIDE-SADDLE TREE.95,062, A. H. WOOTON.
COMBINED CORN AND
COTTON-PLANTER95,076, I. L. BARTLETT.
J. B. L. BARTLETT.
HORSE-RAKE TEETH.

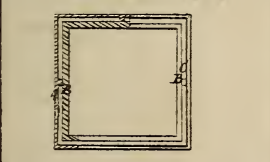
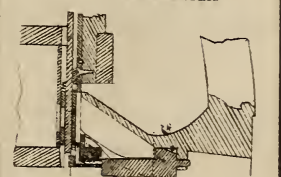
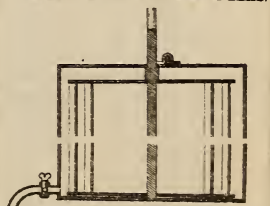
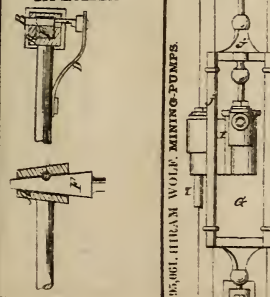
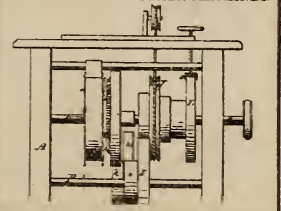
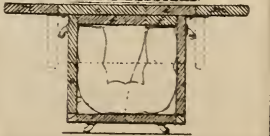
95,056, H. VON HOLTEN. COFFEE-POTS.

95,063, W. A. WRIGHT.
COMPOUND FOR RESTORING DAMAGED
TOBACCO95,064 JOHN ALEXANDER
COATING IRON FOR THE FRONTS OF
BUILDINGS, AND FOR OTHER
PURPOSES.95,065, DAVID L. ALLEN.
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PAVING95,072, CHARLES BETTINGER.
PREVENTING CATTLE FROM JUMPING95,057, ADDISON G. WATERHOUSE.
ROTARY MECHANICAL POWER

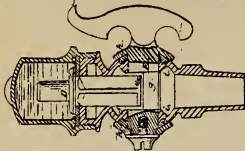
95,066, EDWIN ALLEN. BEARSSES.

95,073, HIRAM BLUNT.
MARY J. BLUNT, WHEAT-DRILLS.95,058, JOSEPH P. WHITE.
COMBINATION-LOCKS.95,067, GEORGE ARMSTRONG.
MARKERS FOR SEEDING-MACHINES.95,074, T. W. BRACHER.
HAT-VENTILATORS

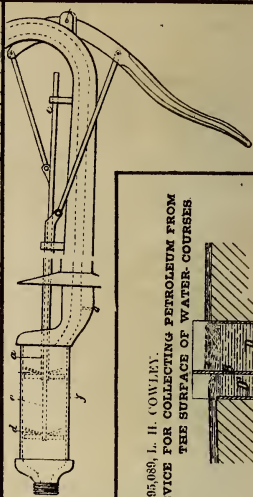
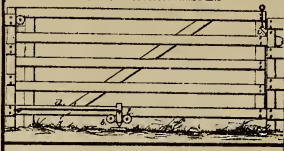
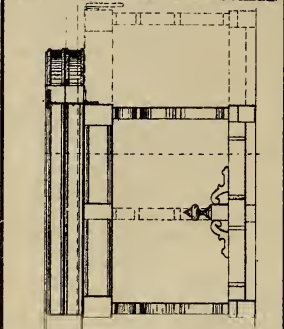
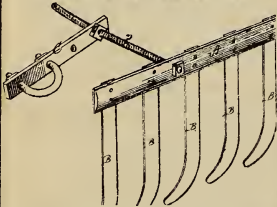
95,059, JOSEPH P. WHITE. SAFES.

95,068, JAMES ARMSTRONG.
CORN-PLANTER95,075, S. R. BRADLEY.
MANUFACTURE OF WHITE LEAD.95,060
JACOB WINKELHOUSE
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MOTIVE-POWER FOR SEWING AND
OTHER MACHINES.95,076, JAMES L. BRANDER.
TABLE AND BEDSTEAD

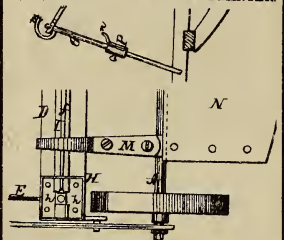
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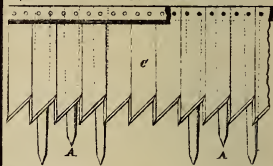
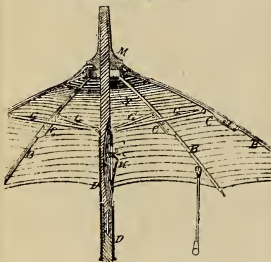
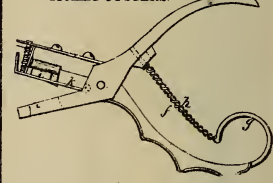
95,083, ISAAC A. CLARK. GATES.

95,089, L. H. COWLEY.
DEVICE FOR COLLECTING PETROLEUM FROM
THE SURFACE OF WATER. COURSES95,078, A. L. BROUSE.
URIAS WEIDMAN.
SAUSAGE-STUFFER.95,084, W. A. CLARK.
A BILLIARD AND BAGATTELLE-TABLE.95,079, DAVID F. BROWN.
ELIAH C. BROWN.
SHIELDS FOR CORN-FLOWS.

95,085, JAMES S. COEN. CORN-PLANTER.



95,090, W. P. CRAIG. LEVEE.

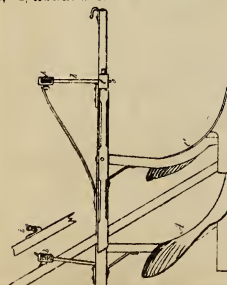
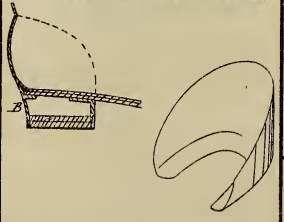
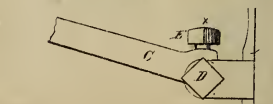
95,080, S. B. BUSHFIELD, JR.
FOLDING-UMBRELLAS.95,091, LUTHER O. CROCKER.
TICKET-CUTTERS.95,086, W. W. COLLEY.
W. H. DETTRICK.
SIGN AT-HOLDER FOR RAILWAY-CARS.

95,092, GEO. CROMPTON. LOOM.

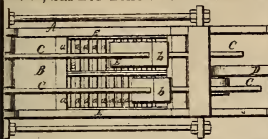
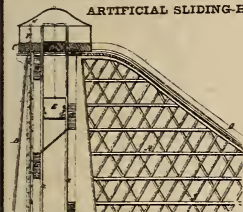
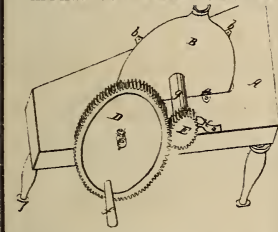
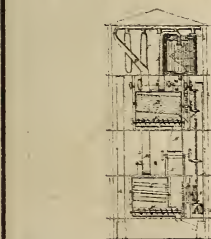


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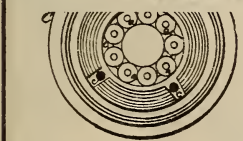
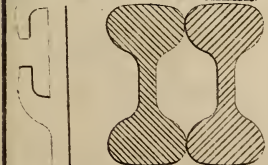
95,082, ROBERT CARSON. GANG-FLOWS.

95,087, HENRY CORLITZ.
HEEL FOR BOOTS AND SHOES.95,093, PHINEAS D. CROSBY.
THILL-COUPLING.95,088, CHARLES A. COWELL.
PUMPS.

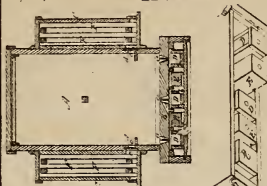
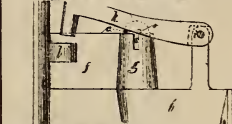
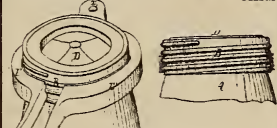
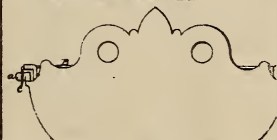
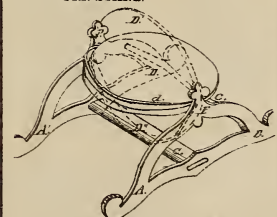
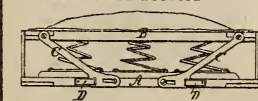
95,094, ERNEST DAMS. FULLING-MILLS

95,095, CONSTANTINE DE BODISCO
PEDRO DIEZ DE RIVERA.
ARTIFICIAL SLIDING-HILL.95,096, AVERY DENISON.
APPARATUS FOR MAKING BUTTER.95,097, CHAS. W. DWELLE
MANUFACTURE OF WHITE LEAD

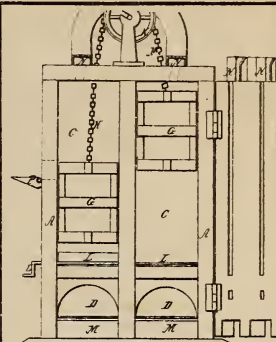
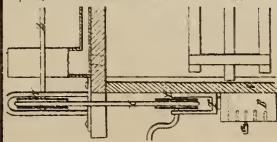
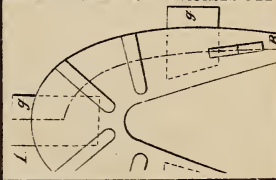
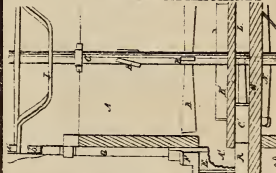
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95,099, DAVID EYNON.
PILE FOR RAILROAD-CHairs

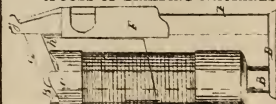
95,100, H. H. FLICK. BEE-HIVES

95,101, WILLIAM T. FRELIGH.
HINGE FOR BLINDS.95,102, ALONZO FRENCH.
INSTRUMENTS FOR TIGHTENING AND
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JARS.95,103, RUSSEL FRISBIE.
HINGES FOR BOXES.95,104, CHAS. E. GOODHUE.
URN-STAND.95,105, GEO. C. GRUT.
SPRING-BED BOTTOM.

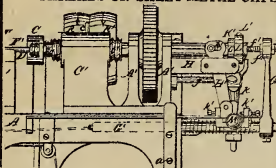
95,106, L. A. HAMMER. BAKE-OVENS

95,107, JOHN HASELTINE.
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BRICK-MACHINES.95,109, ALEXANDER W. HENDRICK.
COFFIN.95,110, COLEMAN HICKS
SASH-HOLDER

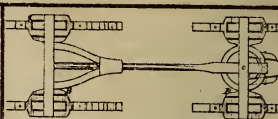
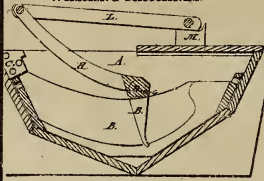
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95,112, WM. J. HORSTMANN.
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SPOOLS OF BRAIDING-MACHINES

95,113, THOMAS DOUGHTON.
MACHINE FOR FORMING SCREW-
THREADS ON SHEET-METAL CAPS.



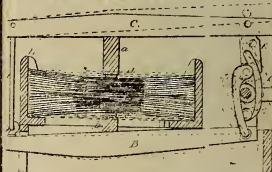
95,119, HENRY LIGHTY.
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95,126, G. McDONALD.
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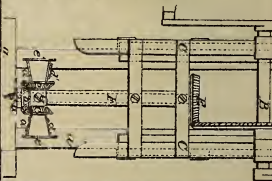
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SHINGLE-BINDER.



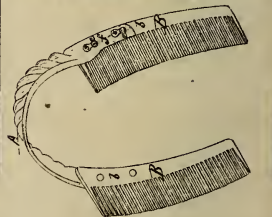
95,128, CHAS. S. MOSELEY. WATCHES.



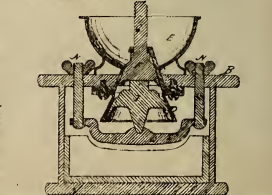
95,129, ARTHUR O. NEAL.
MORTISING-MACHINE.



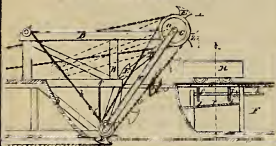
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CHILDS' ROUND COMBS.



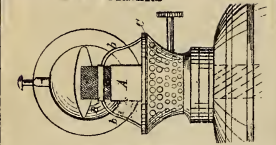
95,131, CHAS. PARKER.
CRACKER AND GRINDING-MILL.



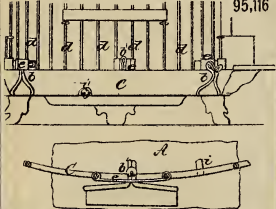
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DANIEL HUGHES.
DREDGING-APPARATUS.



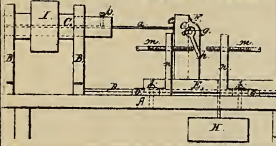
95,115, ROBERT HUTTON.
LAMP-BURNERS.



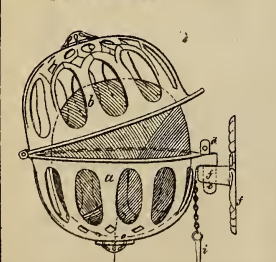
JNO. C. JEWETT. BIRD-CAGE.
JOHN VOGT. 95,116



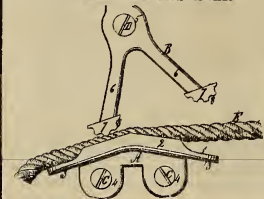
95,117, CLARK JILLSON.
MACHINE FOR TURNING TAPERS.



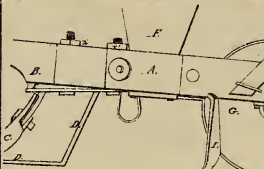
95,118, E. M. JUDD.
TWINE-HOLDER.



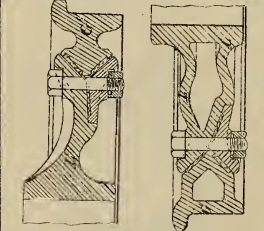
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CLOTHES-LINE FASTENER.



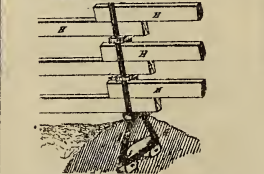
95,121, H. C. LOCKE. SEED-PLANTERS.



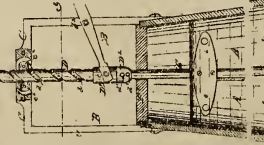
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RAILWAY-CAR AND DRIVING WHEEL.



95,123, CLARK LOSEE.
FENCE-POSTS.

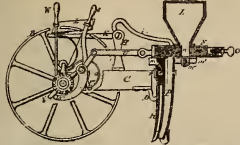


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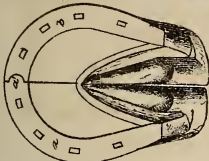


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95,132, E. F. PATTON CORN-DRILL



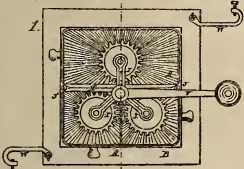
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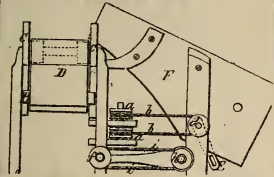
95,134, G. W. PERRY CAR-WINDOWS



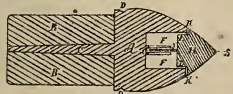
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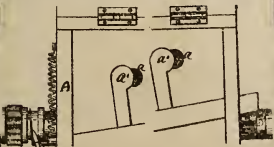
95,137, ABIATHER F. POTTER PROJECTILES



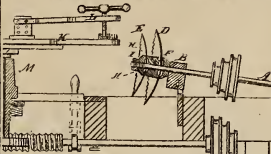
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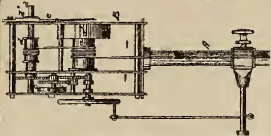
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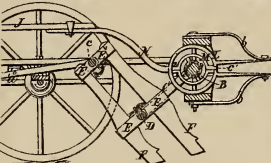
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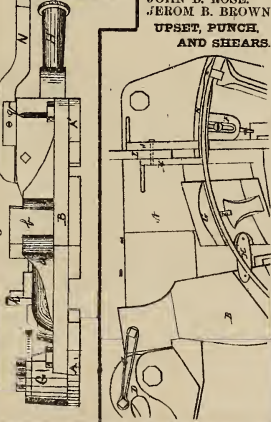
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95,142, JAMES H. ROBINSON CORN AND COTTON-CULTIVATORS



95,143, JOHN B. ROSE, JEROM B. BROWN, UPSET PUNCH AND SHEARS.

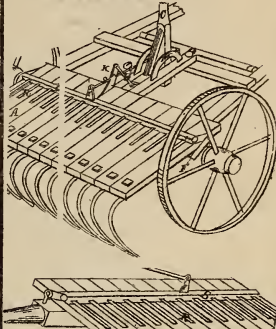


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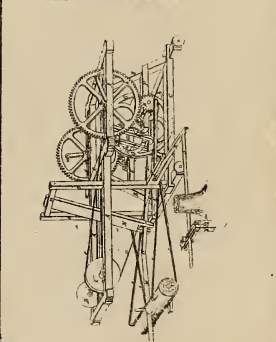
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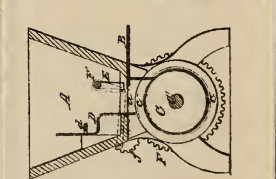
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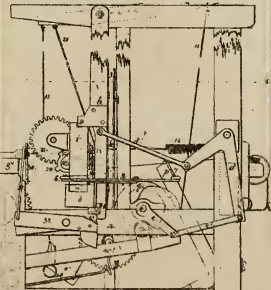
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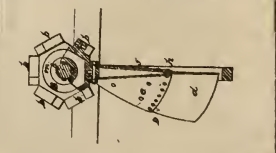
95,149, ANDREAS SCHOPP SEED-FEEDING DEVICE FOR GRAIN-DRILLS, &c.



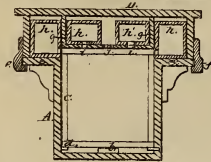
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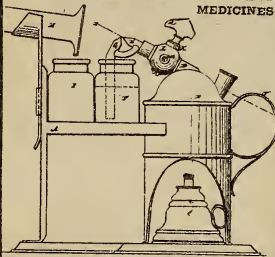
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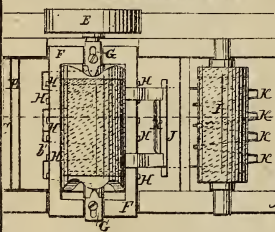


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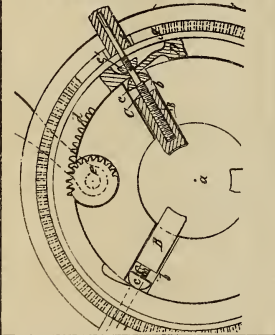
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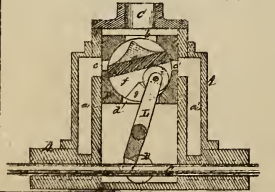


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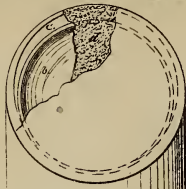
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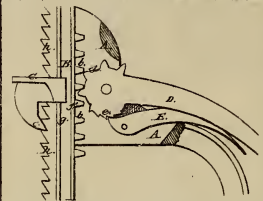
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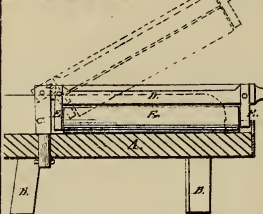


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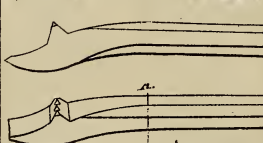


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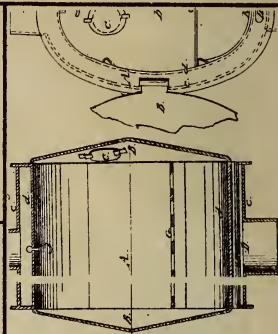
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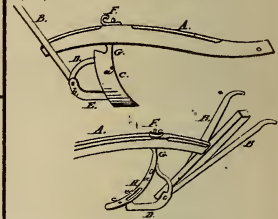
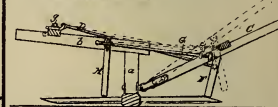
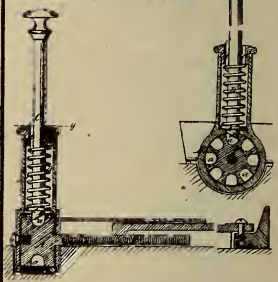
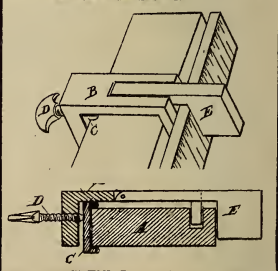
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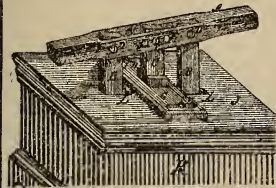
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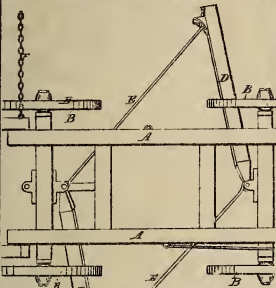
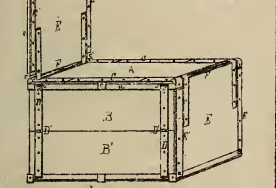
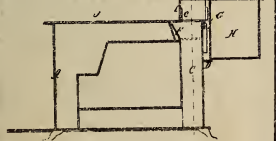
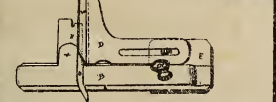
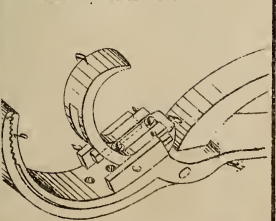
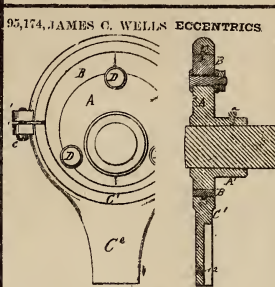
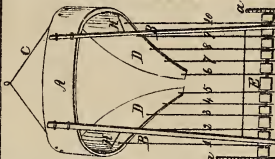
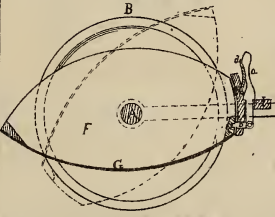
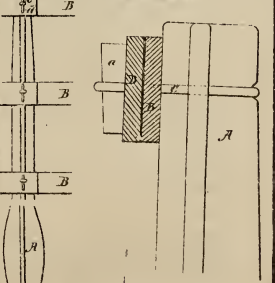
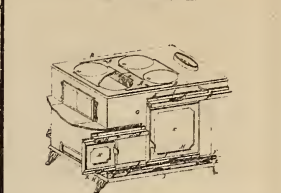
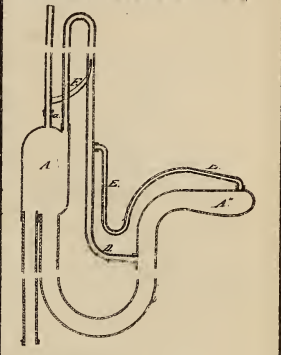
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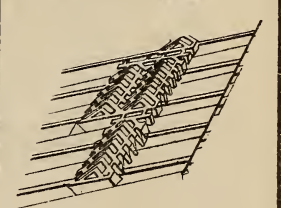
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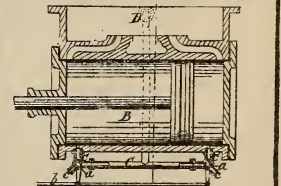
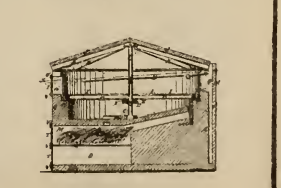
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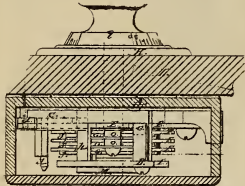
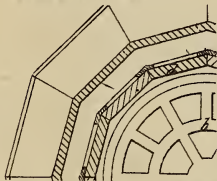
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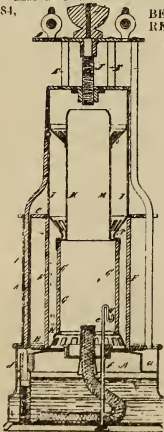
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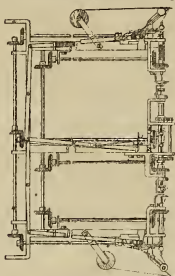
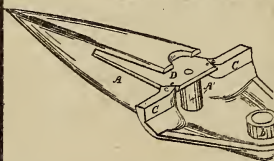
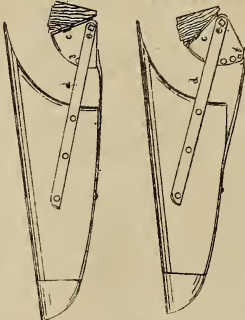
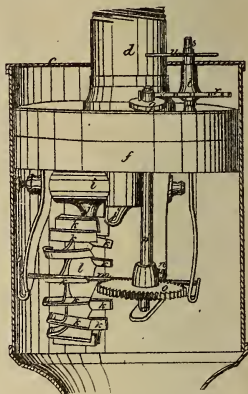
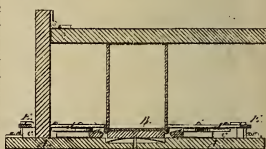
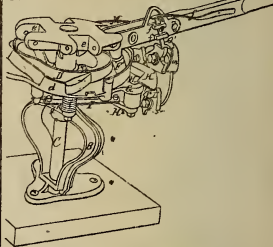
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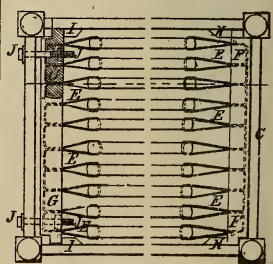
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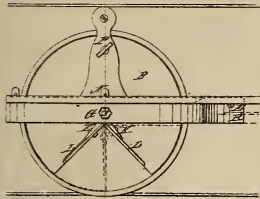
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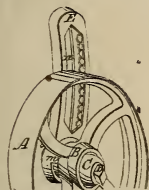
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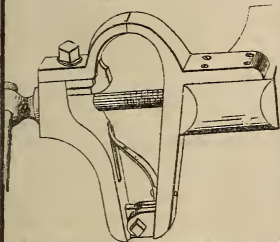
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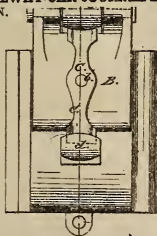


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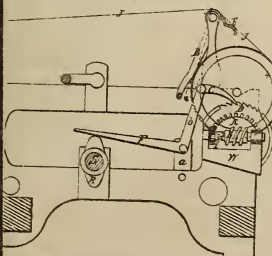
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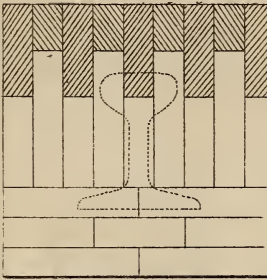
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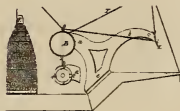
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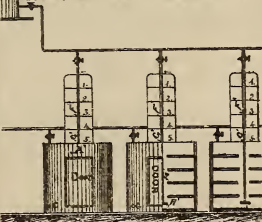
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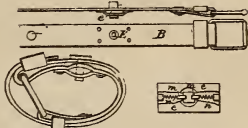


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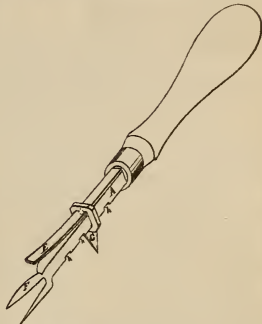


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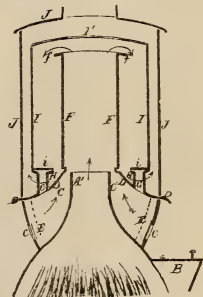


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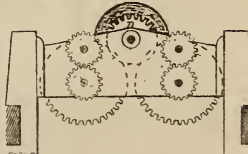


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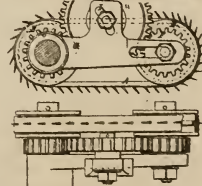


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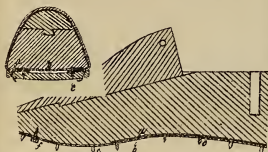
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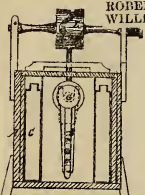
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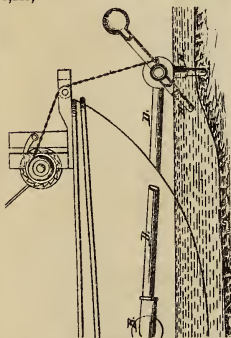
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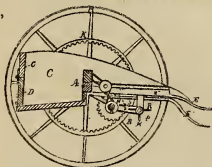


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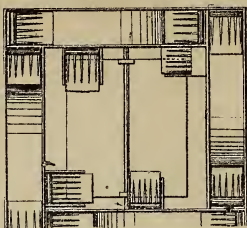
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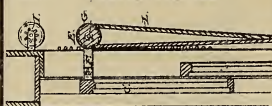
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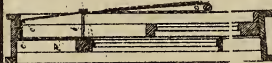
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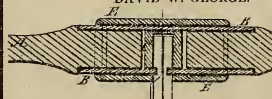
95,218, GEORGE P. FULLER.
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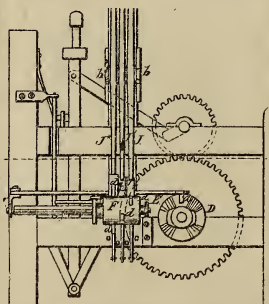
MODE OF HANGING WINDOW-SHADES.
95,219, GEORGE P. FULLER.



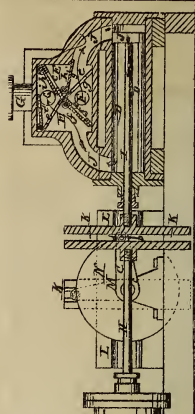
95,220, AUGER-HANDLES.
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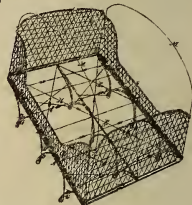
HARNES-MECHANISM FOR LOOMS.
95,221, A. F. GIBRONEY.



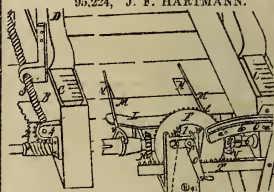
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LEWIS GRISCOM. PUMPS
JOHN P. GRISCOM.



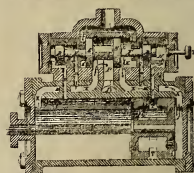
BEDSTEAD. JONES HARDING
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95,224, J. F. HARTMANN.



95,225, WM. B. HAYDEN.
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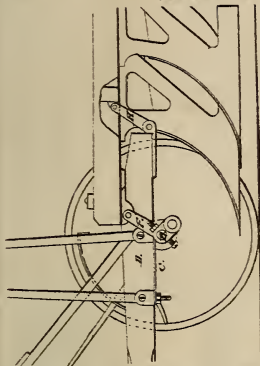
95,227, RAILWAY-RAIL CHAIR.
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95,226, W. S. HILL.
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95,229, HORACE R. HULE.
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95,230 SUSPENDED.

95,231, DOOR-FASTENER.
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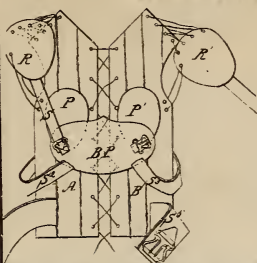
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E. M. JUDD.



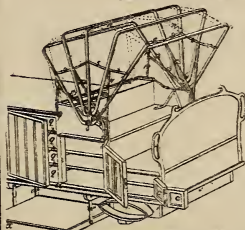
AUSTIN KELLEY.
95,233, RUFFLES.



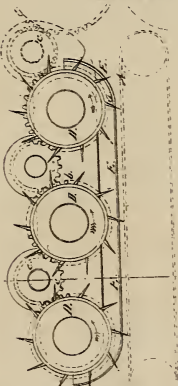
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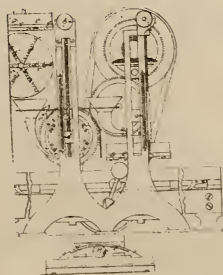
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SALEM T. LAMB.
GEORGE A. RANKIN.



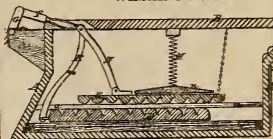
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CARDING-ENGINE.



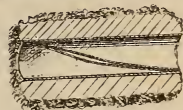
95,238, T. H. LEAVITT.
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95,239, G. A. LEIGH
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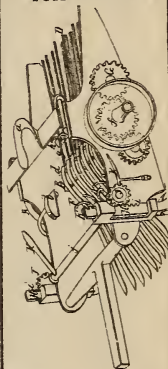
B. LEVY.
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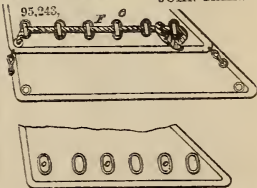
JOHN S. LEWIS.
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95,242, DANIEL LOCKE.
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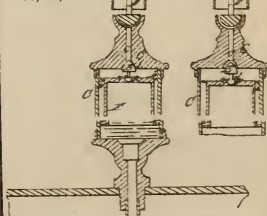
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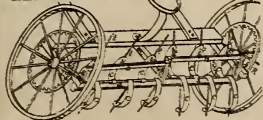
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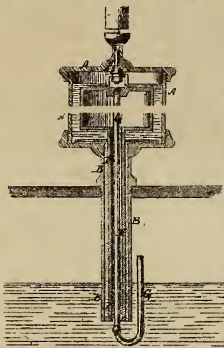
G. B. MASSEY.
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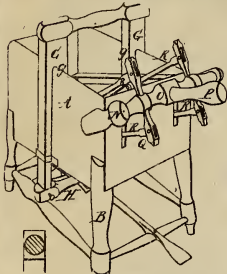
95,234, J. B. KELLEY.
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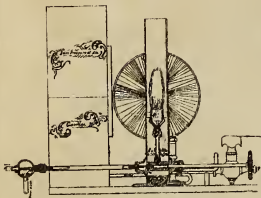
95,246, G. B. MASSEY.
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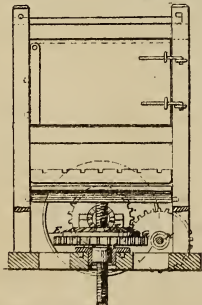
95,247, WASHING-MACHINE.
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95,248, HIRAM S. MAXIM.
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95,249, PRESSES.
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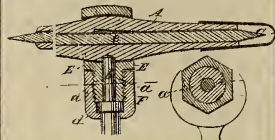
95,250, J. H. McINTOSH.
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95,251, J. C. McVITT.
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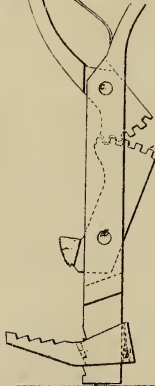
95,252, CHARLES METZGER.
MILL-PICK. G. R. KORABACK.



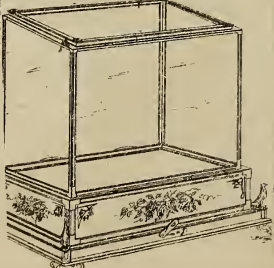
95,253, CHAS. C. MORGAN.
FASTENING BUTTONS ON SHOES, &c.



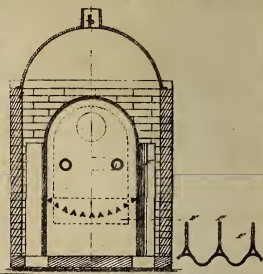
95,254, HORSESHOE-NAIL CLINCHER
AMOS MORLEY.



95,255, FERNERY. CHARLES L. OSBORN.



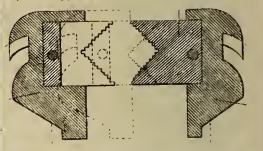
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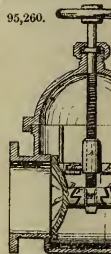
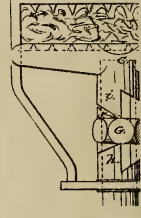
95,257, JOHN S. PALMER.
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95,258, VISE CHAS. PARKER



95,259. MOP-HEAD
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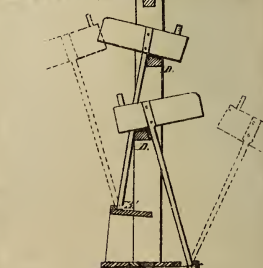


STOP-VALVES
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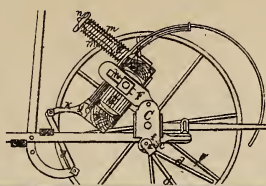
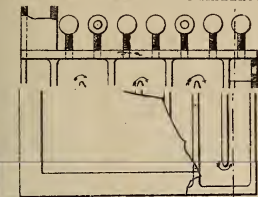
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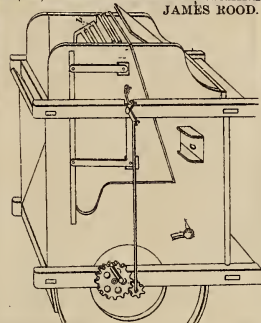
THOS. M. PELHAM.
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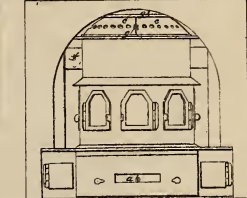
95,263. JOSEPH PHILLIPS.
FURNACE-DOORS. DAVIS KEELEY.



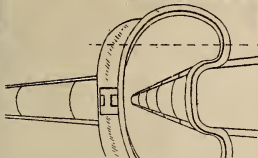
95,269. GRAIN-CLEANING MACHINE.
JAMES ROOD.



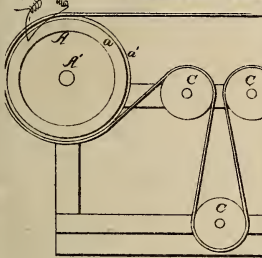
95,274. S. B. SEXTON.
BASE-BURNING FIRE-PLACE STOVE.



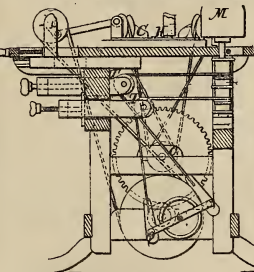
95,264. GEO. W. PLUMB.
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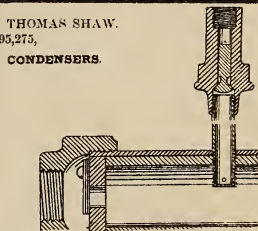
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POLISHING-MACHINE.



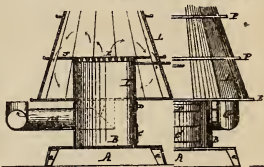
JOHN ROSENCRANZ.
95,270. HAT-POUNCING MACHINES.



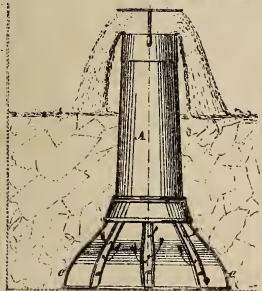
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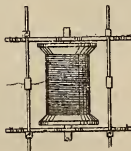
95,276. CHAS. J. SHEPARD.
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95,266. THOS. W. R. RAYNER.
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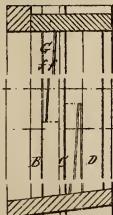
95,271. THEO. O. L. SCHRADER.
THREAD-GUIDE FOR SPOOLS



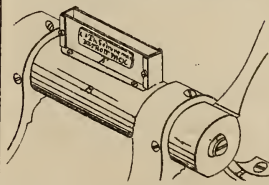
95,277. EDWARD G. SHORTT.
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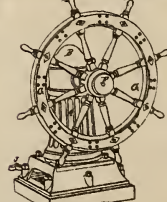
WINDOW. HENRY REDDICH.
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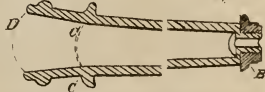
95,272. ALBERT SCHUNEMAN.
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95,278. STEERING-APPARATUS.
HENRY E. SKINNER.

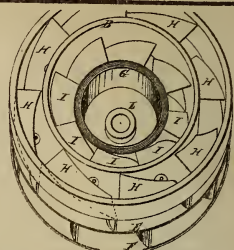
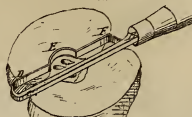
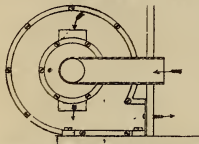
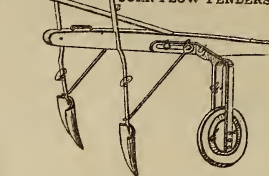
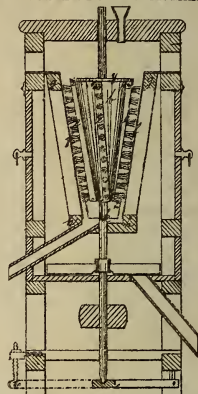
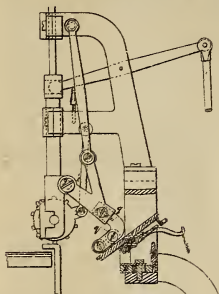


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95,279.

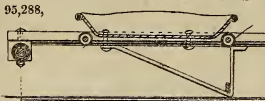
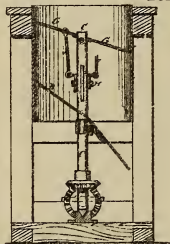
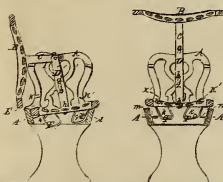
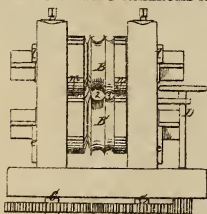


95,268. MARTIN C. REMINGTON.
HORSE HAY-RAKES.

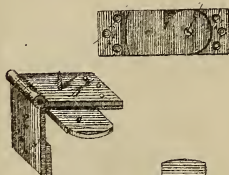
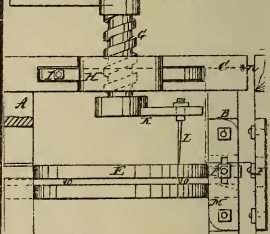
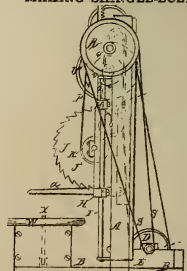
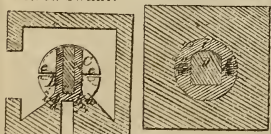
95,273. EDMUND SCHWIEDTER.
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95,280, CHAS. E. SPAULDING.
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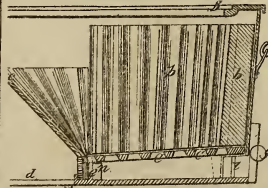
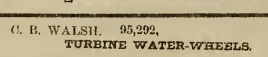
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95,289, OSCAR VAN TANSSELL.
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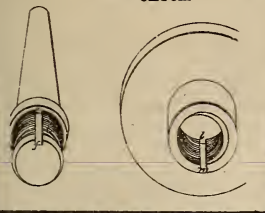
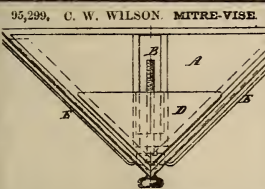
95,290, ADOLPH VELGUTH. HINGE.

95,294, JOHN A. WELLS.
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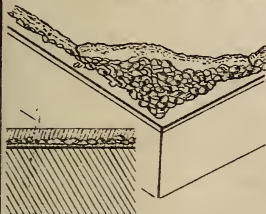
95,291, R. B. WAKEFIELD. BRAZIER.

C. B. WALSH. 95,292.
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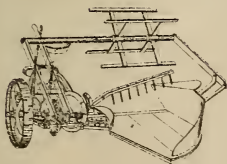
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EPHRAIM S. WILLIAMS.
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 95,298, **ELI V. WILLS. MEDICAL COMPOUND**
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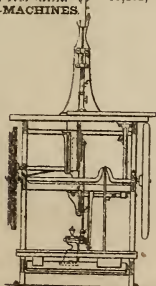
95,300,

W. E. WORTHEN.
T. NEW.MODE OF PROTECTING PLASTERED
WALLS AGAINST DAMPNES.

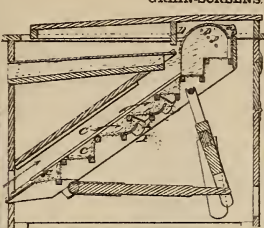
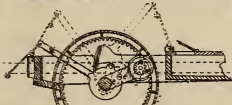
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NICHOLAS ALLSTATTER
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SAWING-MACHINES.

95,302,

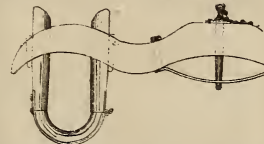


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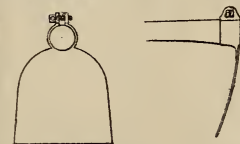
JOHN E. ANDERSON.
GRAIN-SCREENS.95,304, **HARVESTERS. JOHN BARNES.**

95,305, W. G. BECKWITH.

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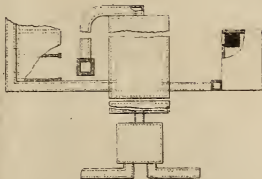
95,306, **HOES.**

W. G. BECKWITH.

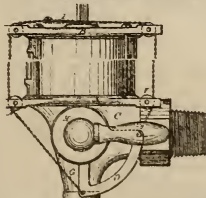


95,307,

ARTEMAS BIGELOW.

PROCESS FOR UTILIZING THE SULPHUR
FUMES FROM COPPER-ORES

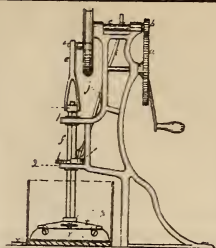
95,308,

T. BRIGHAM BISHOP.
MEASURING-FAUCETS.

JOHN H. BLAKE.

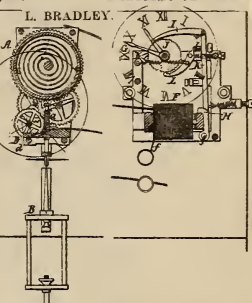
95,309,

MEAT-CHOPPER.



95,310,

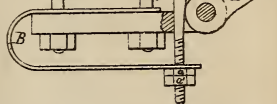
ELECTRIC CLOCKS.



95,311,

WM. M. BRAYTON.

THILL-COUPLING.



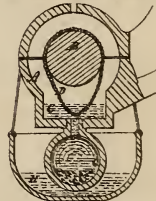
SOAP OR DETERGENT-COMPOUND.

95,312, EVERETTE R. BREED.

95,313,

ADOLPHUS BROWN.
FELIX BROWN.

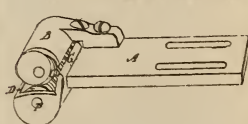
LUBRICATOR FOR JOURNAL-BOXES.

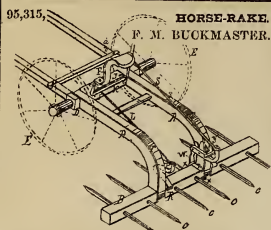


95,314,

WM. HENRY BURNS.

ROLLER JAW-TEMPLE FOR LOOMS.

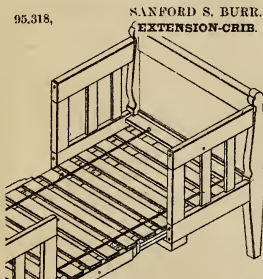




95,316, **DANIEL BULL.**
CLOTHES-LINE HOLDER.



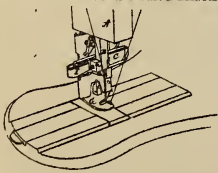
95,317, **HUGH BURGESS.**
EXTRACT OF HOPS.



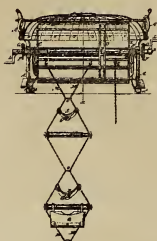
95,319, **CORNELIUS L. CAMPBELL.**
AXLE-SPINDLES TO SKEINS
VEMENT IN DEVICE FOR FITTING



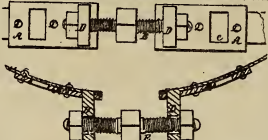
95,320, **WM. CARPENTER.**
BUTTON-HOLING ATTACHMENT
FOR SEWING-MACHINES



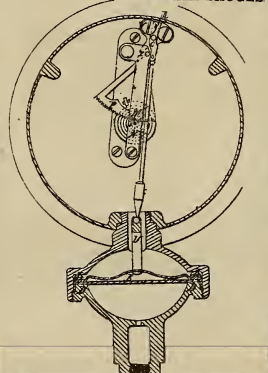
95,321, **HUGH C. CARRIGAN.**
PORTABLE FIRE-ESCAPE.



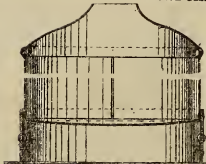
95,322, **EDWIN CARTER.**
FASTENINGS FOR ATTACHING
THE ENDS OF BANDS CLAMPS, &c



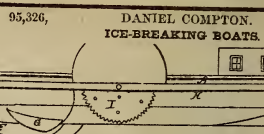
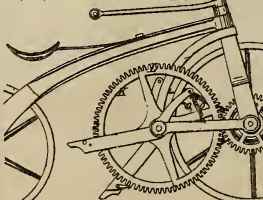
95,323, **WILLIAM CHESLEY.**
STEAM-GAUGES



95,324, **JOHN COCHRAN.**
MILK-CAN



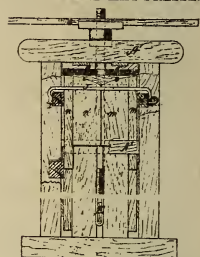
95,325, **WM. H. COLEMAN.**
VELOCIPEDE



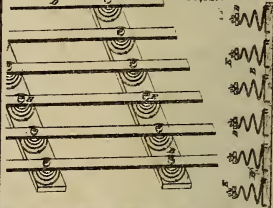
95,327, **S. A. CUMMINS.**
SLED-BRAKE. A. J. CUMMINS.



95,328, **JOSEPH K. DAVIS.**
COTTON AND HAY-PRESSES.

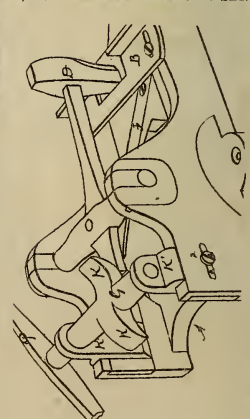


JOHN DECAMP.
BED-BOTTOM
95,329.



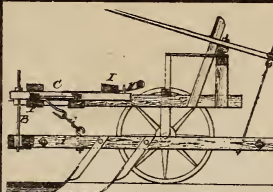
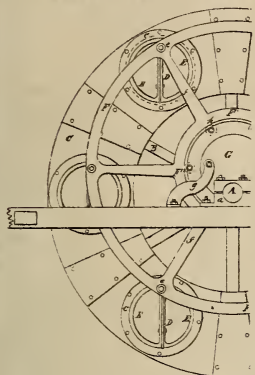
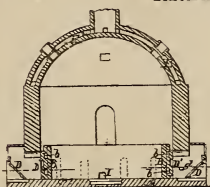
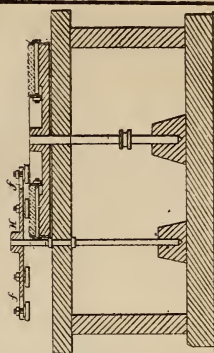
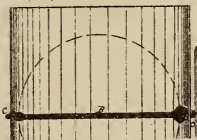
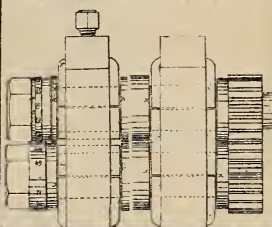
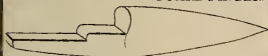
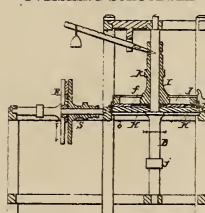
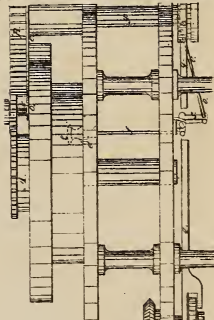
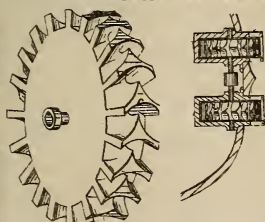
N. T. DRAKE, M. D.
95,330, **MEDICAL COMPOUND.**

95,331, **WILLIAM DUESLER.**
TRIP-HAMMER SAW-SET.

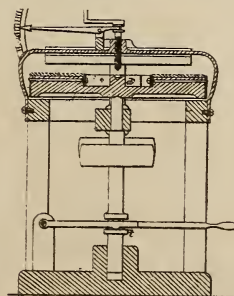
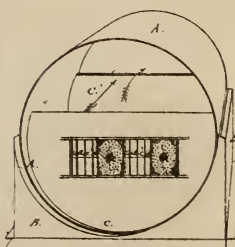
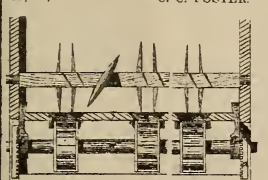
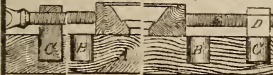
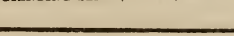


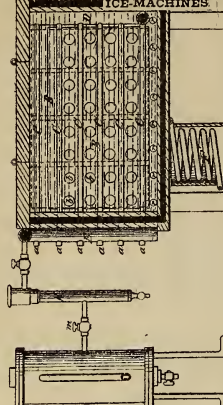
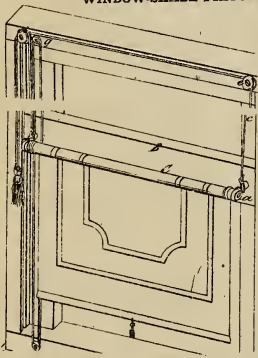
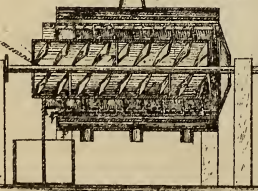
95,332, EDGAR F. EATON.

BUCKLE.

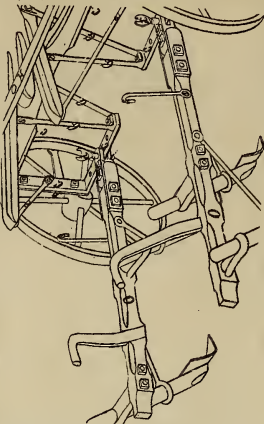
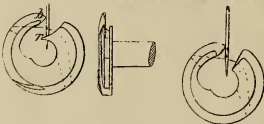
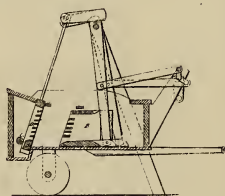
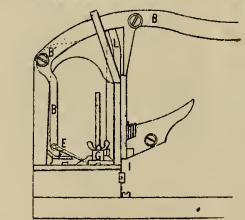
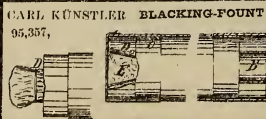
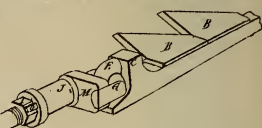
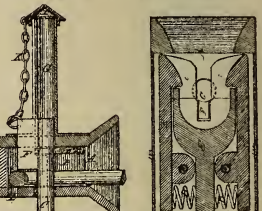
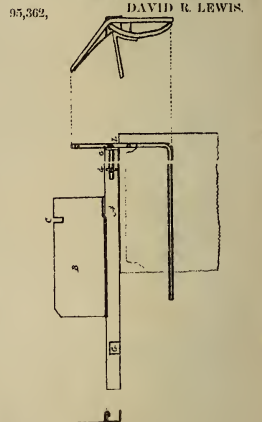
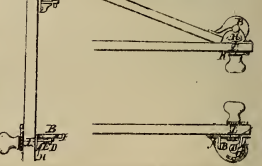
95,333, PRIMUS EMERSON.
FEATHERING PADDLE-WHEELS.95,339, WILLIAM HALLAM.
BRICK-KILNS.ROBT. HAM.
95,340, STOVE-PIPE DAMPER95,344, B. B. HILL.
MANUFACTURING TYPE-WHEELS95,334, JEROME FASSLER.
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GUARD-FINGER.95,341, H. WM. HARPER
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POLISHING SCHOOL-SLATES95,345, MARTIN V. B. HILL.
CARTRIDGE-LOADING MACHINES95,335, COLIN T. FINLAYSON.
PROPELLER-WHEELS.

95,342, H. WM. HARPER.

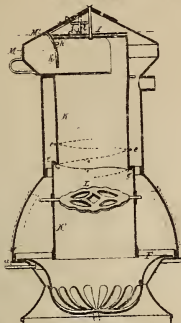
MACHINE FOR GRINDING
AND POLISHING SLATE95,346, M. T. HITCHCOCK.
EDUCTION-VENTILATOR
FOR RAILROAD-CARS95,336, FERTILIZER-ATTACHMENT.
C. C. POSTER.95,337, GEORGE W. GOULDEN.
CLAMP.95,338, THOMAS J. HALL.
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95,347. D. L. HOLDEN.
ICE-MACHINESW. E. HOLLINGSWORTH.
95,348. HARROWS95,349. GEORGE B. HOLZACH.
WINDOW-SHADE FIXTURE95,350. R. B. HUGUNIN.
SASH-HOLDER95,351. WILLIAM HULL.
CHAS. W. HAMMOND.
GRAIN-DRYER

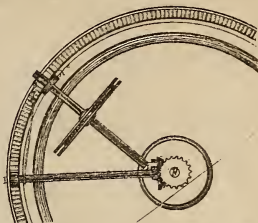
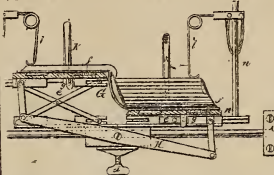
95,352. CULTIVATORS ALMON HUNT.

95,353. JAK. HUSNIK.
ROTATING HOOK FOR
SEWING-MACHINESJ. J. KENDALL. WASHING-MACHINE
95,354,95,355. JEFFERSON KINDLEBERGER.
WILLIAM AUGUSTUS ARNOLD.
MACHINE FOR WIRING BLINDSPHILIP KNEIPP.
95,356. ORNAMENTAL TRANSFERS.CARL KÜNSTLER. BLACKING-FOUNT
95,357,95,358. LOUIS LA BIECHE-VIOIR.
MANUFACTURE OF CAST-STEEL95,359. SALEM T. LAMB.
PITMAN-JOINT FOR HARVESTERS95,360. JOHN LARIMORE.
J. M. WILLIAMS.
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HORSE-RAKESCLOTH-HOLDING GUIDE
FOR SEWING-MACHINES
DAVID R. LEWIS95,363. HINGE FOR BLINDS.
TYLER C. LORD.

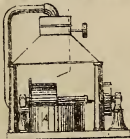
95,364. HENRY C. MARCH.
BASE-BURNING STOVE.



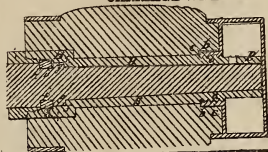
95,369. JOHN MOESSINGER. READING-DESK.



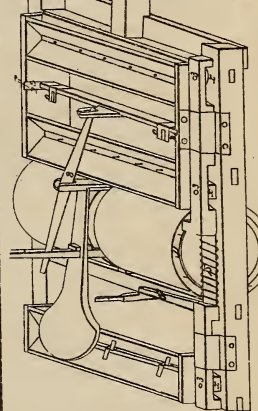
95,365. GEO. E. MARSHALL.
BLEACHING PAPER-STOCK.



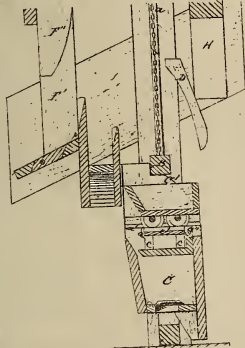
95,370. WILLIAM F. MOODY.
CARRIAGE-WHEELS.



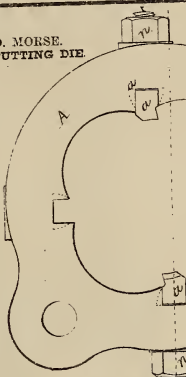
95,375. HENRY D. PALMER.
COMBINED GRAIN-DRILL AND
LAND-ROLLER.



95,366. GEORGE MARTZ.
HOISTING AND DUMPING-APPARATUS.



95,371. JAMES O. MORSE.
SCREW-CUTTING DIE.



JOHN POOL.
95,376. COMPOUND FOR THE CURE
OF CHOLERA-MORBUS

95,377. W. P. PUGH, M. D. MEDICATED SOAP.

95,378. EVANDER W. RANNEY.
COMPOSITION FOR ROOFING,
PAVEMENTS, &c.

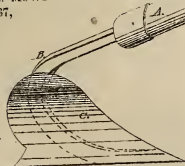
95,380. NEWS-PAPER FILES.
JOHN ROBINSON.



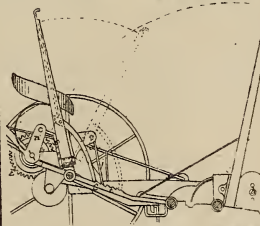
T. M. RICHARDSON.
95,379. AUGER.



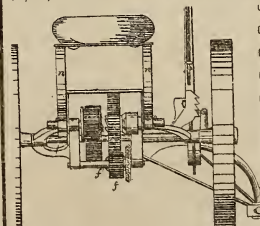
L. R. McWHINNEY. HAND-PLOW.
95,367.



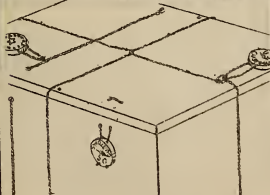
95,372. F. NISHWITZ. HARVESTERS.



95,373. F. NISHWITZ. HARVESTERS.



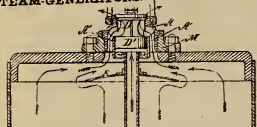
95,368. HENRY D. MEARS.
SEALING BOXES, &c.



95,374. G. E. NOYES.
CLAY-TEMPERING MACHINES

95,381. EDWD. P. ROCHE.
CHAFING-IRON FOR WAGONS

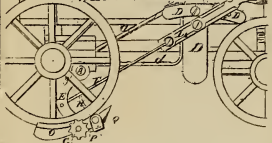
FERDINAND ROCHOW.
95,382.
SAFETY-VALVES FOR
STEAM-GENERATORS.



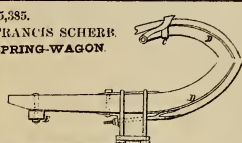
95,383. ISAAC S. RUSSELL.
HENRY R. RUSSELL.
CASTER-WHEEL FOR HARVESTERS



95,384. MILTON SATTERLEE.
WAGON-BRAKE



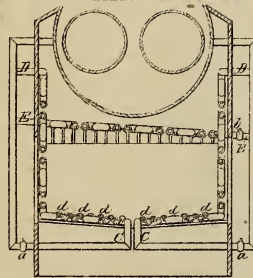
95,385. FRANCIS SCHERR.
SPRING-WAGON



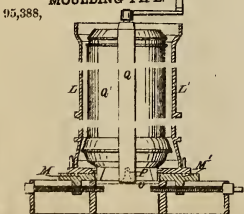
95,386. HENRY SELICK. FLOWS.



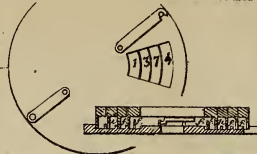
95,387. N. SHAW. STEAM-GENERATORS



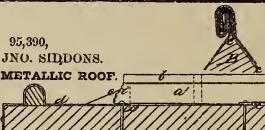
FREDERICK SHICKLE.
MOULDING PIPE.



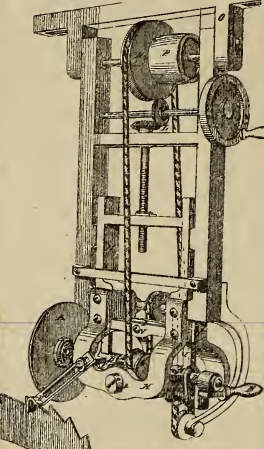
95,389. GERARD SICKELS.
COUNTING-REGISTER.



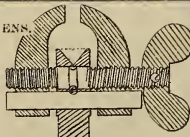
95,390. JNO. SIDONS.
METALLIC ROOF.



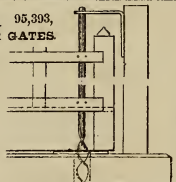
95,391. WM. S. SPRATT.
APPARATUS FOR SHARPENING
AND GUMMING SAWS.



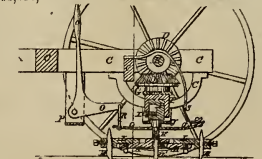
VISE.
W. X. STEVENS.
95,392.



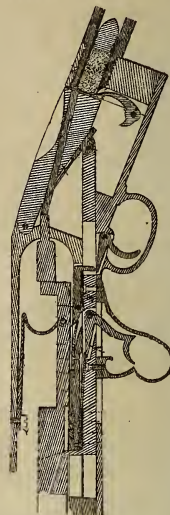
JOB SWEET. 95,393.
HINGE FOR GATES.



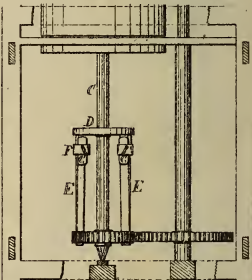
HENRY T. TAPLIN. COMBINED ROTARY
CULTIVATOR AND HARROW.



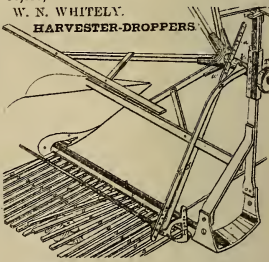
95,395. A. L. VARNEY.
BREECH-LOADING FIRE-ARMS.



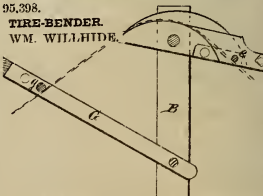
95,396. DAVID WEIMER. GRINDING-MILLS



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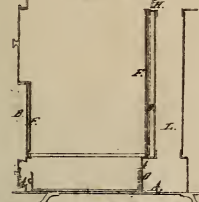
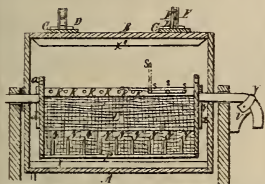
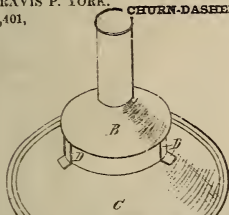


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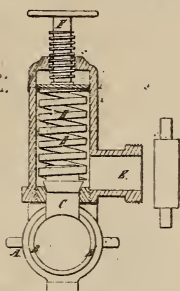
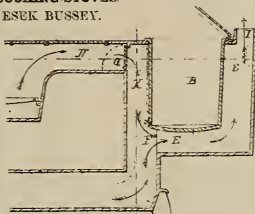
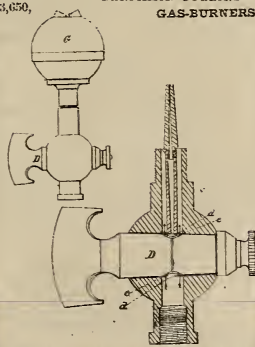
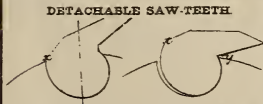
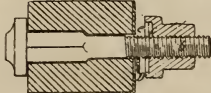
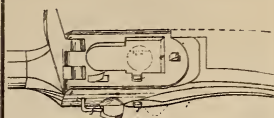
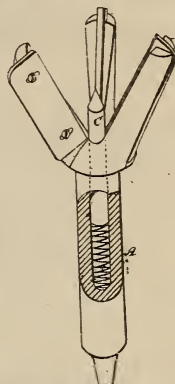
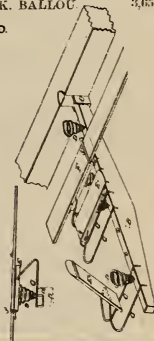
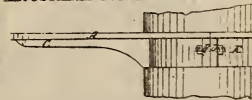


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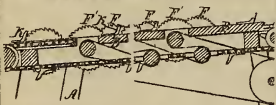
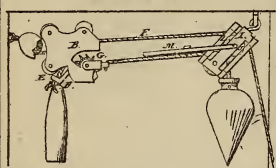
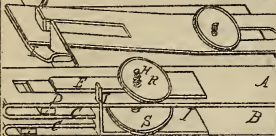
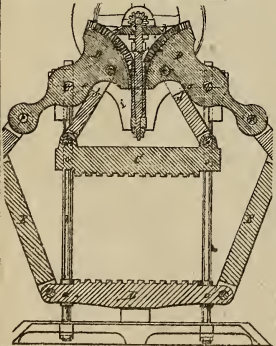
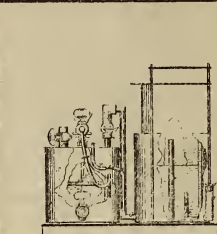
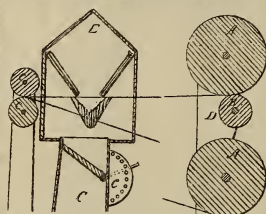
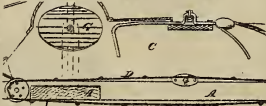
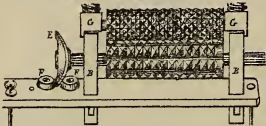
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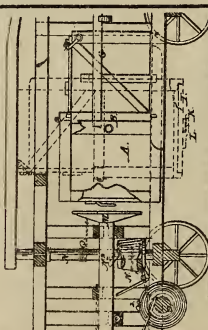
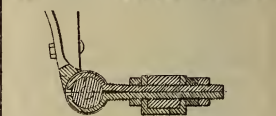
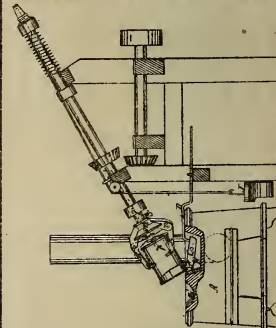
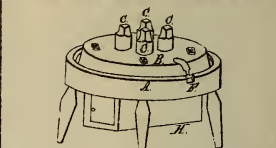
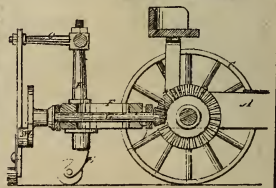
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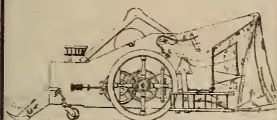
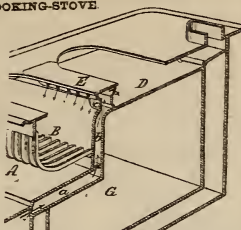
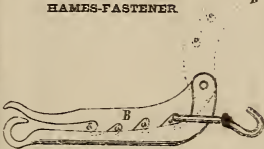
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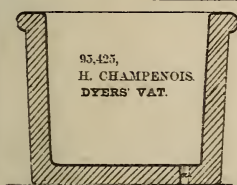
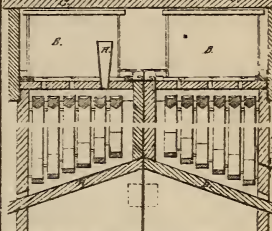
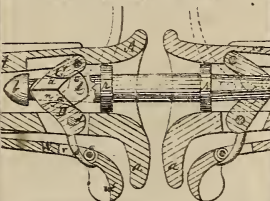
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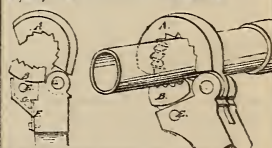
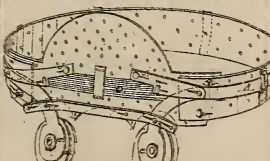
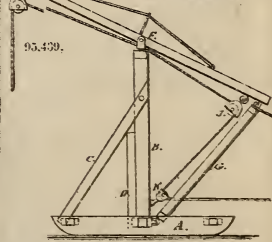
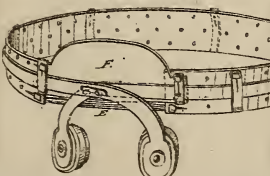
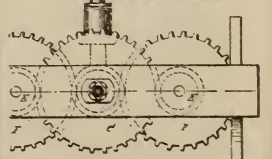
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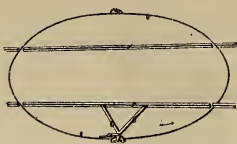
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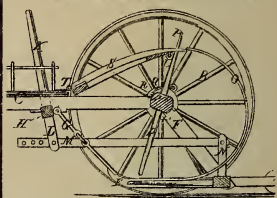
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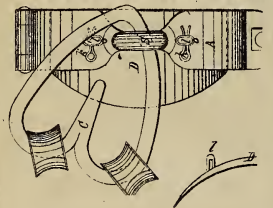
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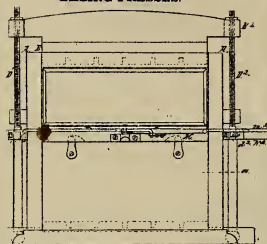
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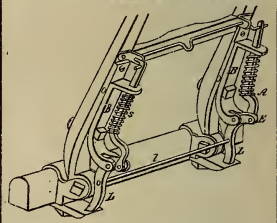
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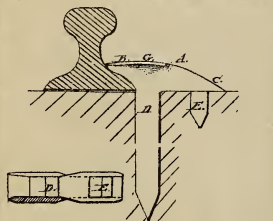
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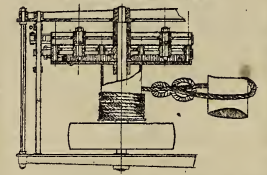
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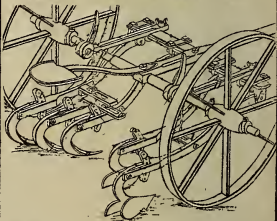
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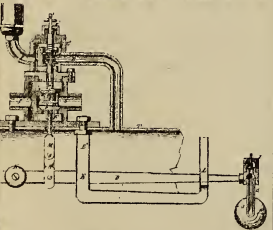
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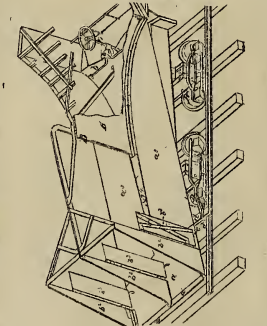
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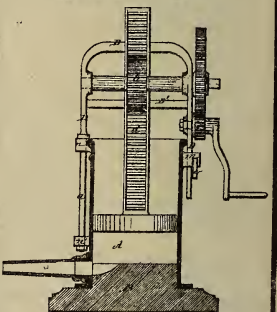
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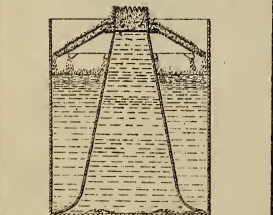
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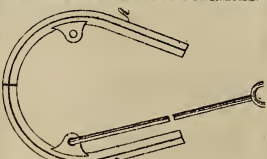
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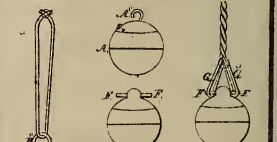
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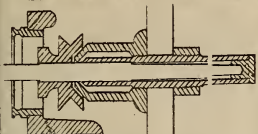
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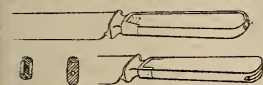
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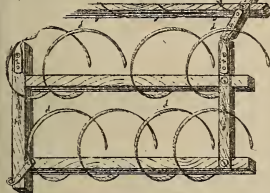
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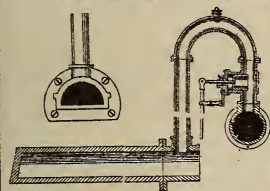
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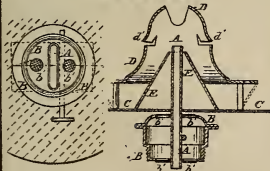
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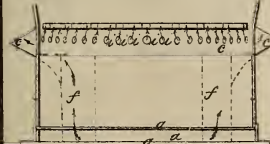
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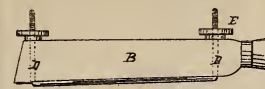
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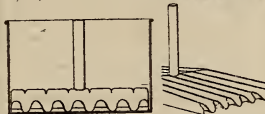
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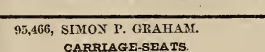
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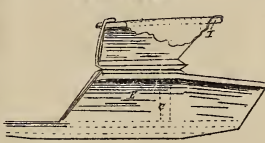
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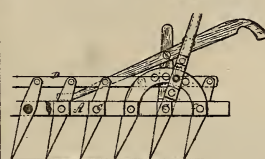
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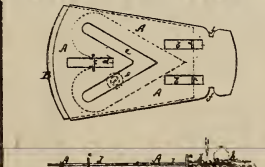
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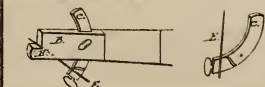
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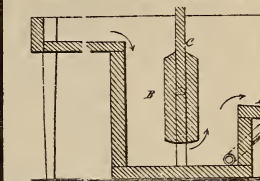
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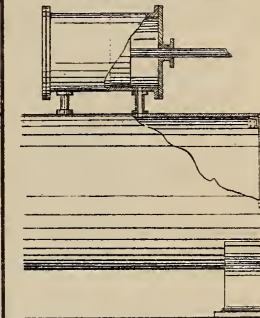
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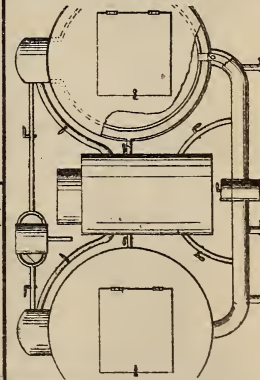
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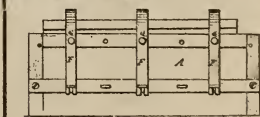
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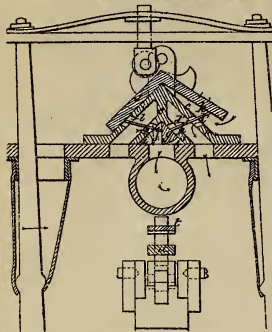
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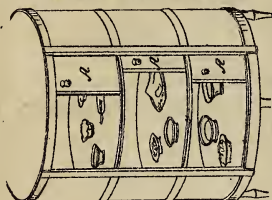
95,475, ALEXANDER W. HENDRICK. PRESS FOR MAKING COFFIN-TOPS



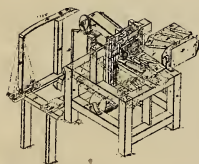
95,476, EDMUND H. HEWINS.
VALVE-DEVICES FOR STEAM
AND OTHER ENGINERY.



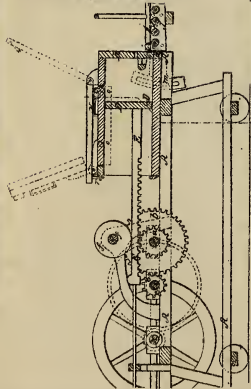
95,477, WILLIAM HINMAN.
MILK AND PROVISION-SAFE.



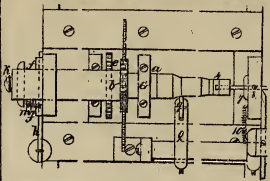
95,478, JOHN C. HINTZ.
CIGAR-MACHINES.



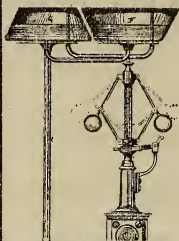
95,479, GEO. JACKSON.
TILE-MACHINES.



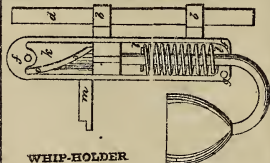
95,480, CLARK JILLSON.
MACHINE FOR CUTTING TAPERS.



95,481, EMIL HERMANN NACKE.
GOVERNOR FOR STEAM AND OTHER
ENGINERY.



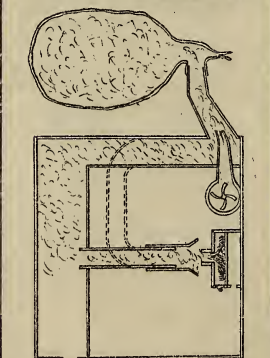
95,482, ALBERT W. JOHNSON.



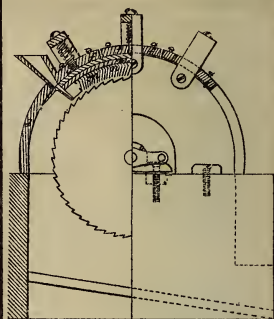
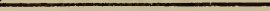
95,483, WM. J. JOHNSON.
GEORGE TAINTER.
BORING-TOOL.



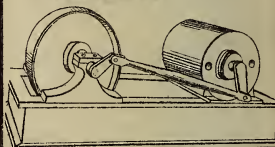
95,484, RICHARD JONES.
THE MANUFACTURE OF WHITE
OXIDE OF ZINC



95,485, CHARLES KENISTON.
J. H. SAWYER.
HULLING-MACHINE.



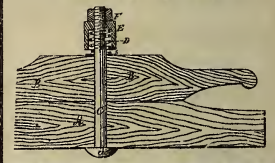
95,486, ALDEN KILBY.
STEAM-ENGINE.



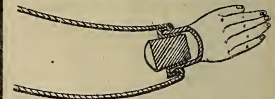
95,487, HENRY KILLAM.



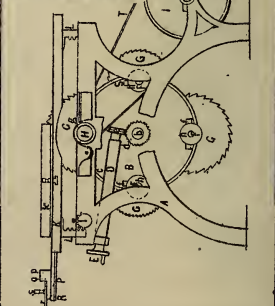
95,488, J. W. KINGSBURY. FLOWS.
CARRIAGE-AXLE CONNECTION.



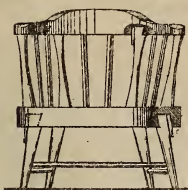
95,489, MARTIN KINTZBACH. DOLLS.



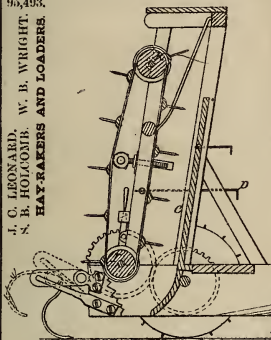
95,490, ROBERT M. LAFFERTY.
SAWING-MACHINE.



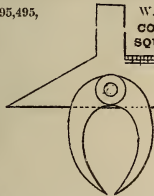
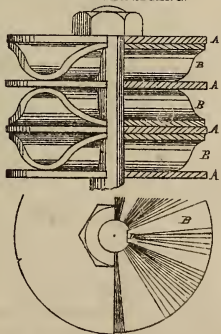
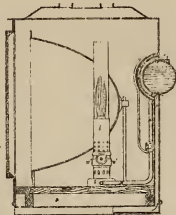
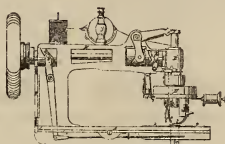
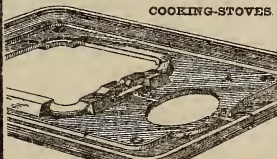
95,491. ALLEN LAPHAM. CHAIR.

95,492. L. F. LEGER.
CHOCOLATE-PASTE.

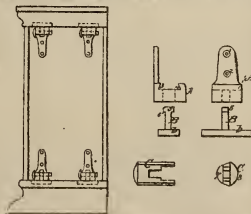
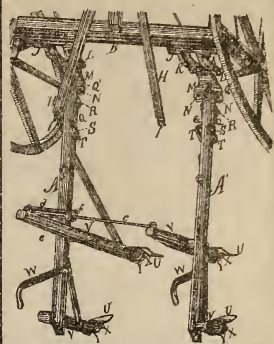
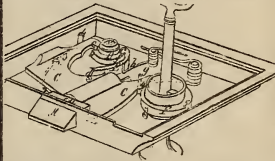
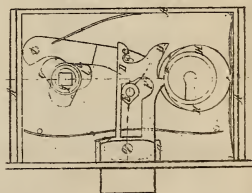
95,493.

I. C. LEONARD, W. B. WRIGHT,
B. H. HOLCOMB.
HAY-RAKERS AND LOADERS.95,494. WILLIAM H. LEWIS.
MARINE PAINT.

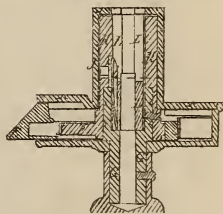
95,495.

W. J. LINTON.
COMBINED TRY-
SQUARE, CALIPER.95,496. L. J. F. MARGUERITE.
MANUFACTURE AND
REFINING OF SUGAR.95,497. JAMES R. MATHEWS.
CAR-SPRING.95,498. HIRAM S. MAXIM.
JAS. RADLEY.
LOCOMOTIVE HEAD-LIGHTS.95,499. THOMAS L. MELONE.
SEWING-MACHINE.95,500. T. F. MENDE. F. C. MENDE.
PROCESS OF MANUFACTURING
GERMAN HAND-CHEESE.95,501. BERNARD H. MENKE.
COOKING-STOVES.

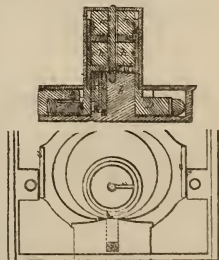
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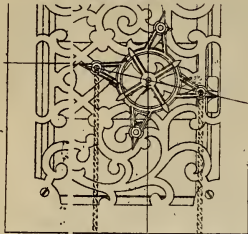
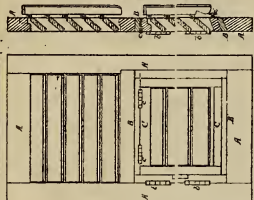
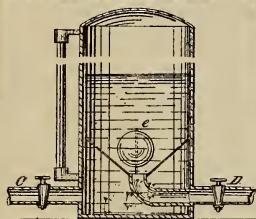
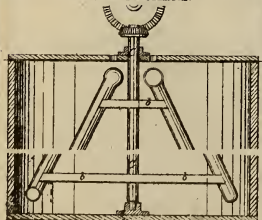
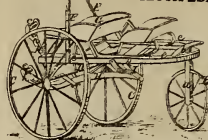
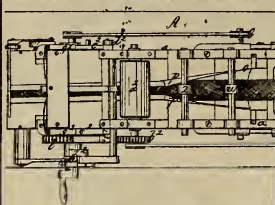
95,503. GEORGE MURRAY.
WATER-GAUGES.95,504. J. O. L. MURRAY.
D. A. MULLANE.
DEVICE FOR HOLDING TOGETHER THE
DIFFERENT PARTS OF BUREAUS
AND OTHER ARTICLES OF FURNITURE.95,505. A. S. PERRIGO.
CULTIVATORS.95,506. N. PETRE
COMBINED LATCH AND LOCK.95,507. N. PETRE.
COMBINED LATCH AND LOCK.

95,508. N. PETRE. LATCHES.

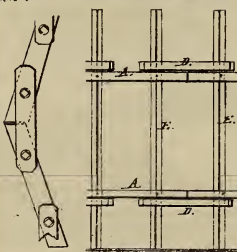
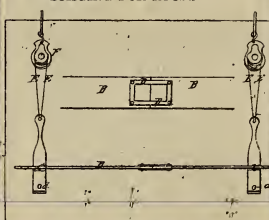
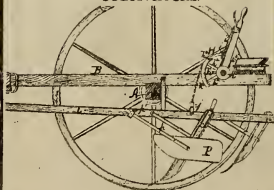
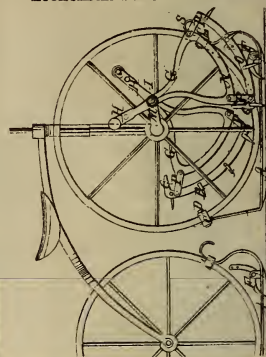
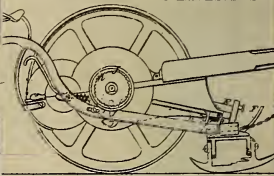
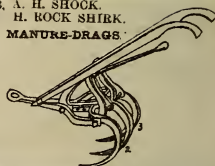


95,509. N. PETRE. LOCKS.

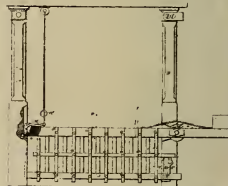
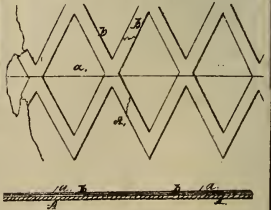


95,510, HUGH M. PHINNEY.
HOT-AIR REGISTER.95,511, M. PIRZ. ANT. PIRZ.
WINDOW-BLIND.95,512, JAMES W. PRENDERGAST.
AIR-PRESSURE WATER-RESERVOIRS.95,513, W. F. QUINBY.
FLYING-MACHINES.95,514, GUSTAV RADBRUCH.
CHURN-DASHERS.95,515, JOHN REINHART.
VELOCIPED.95,516, JOHN W. RICHARDSON.
MACHINE FOR MAKING AND
WRAPPING WEBBING BOOT-STRAPS.95,517, JOHN RILEY.
CHARLES W. BISSELL.
COMPOSITION FOR COVERING
STEAM-BOILERS, &c.

95,518, SMITH RILEY. FENCES.

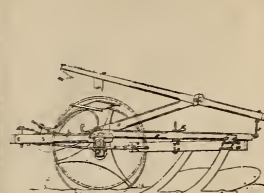
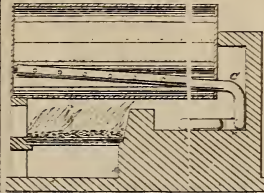
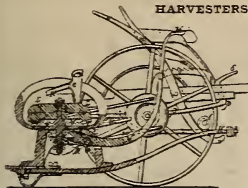
95,519, WASHINGTON B. ROSS.
STAGING FOR ROOFS.95,520, SIDNEY A. SABIN.
CULTIVATORS.95,521, THEODORE SEARING SLEIGH-
ATTACHMENT FOR VELOCIPEDS.95,522, ALLEN SHERWOOD.
HARVESTERS.95,523, A. H. SHOCK.
H. ROCK SHIRK.
MANURE-DRAGS.

95,524, DANIEL SHOCKEY. FARM-GATE.

95,525, JOHN SIMS
MODE OF ATTACHING TRIMMINGS
TO ARTICLES OF DRESS.

95,526, WILLIAM D. SLACK.

HARVESTERS

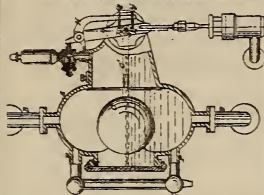


95,527, LEBBEUS W. SMITH.

MANUFACTURE OF SOAP FOR
MEDICINAL AND FOR OTHER
PURPOSES.

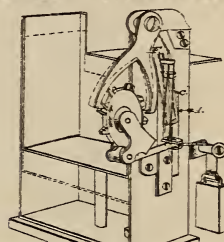
95,533, LEOPOLD STEIGERT. BOILER

WATER-REGULATORS AND ALARM

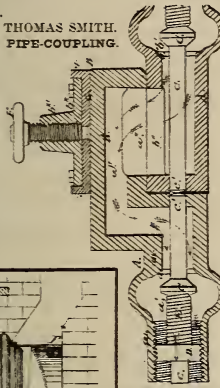


95,540, HENRY H. TRENOR.

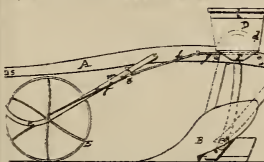
AUTOMATIC PASSENGER-REGISTER.



95,528,

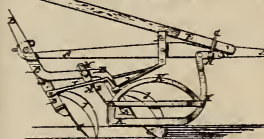
THOMAS SMITH.
PIPE-COUPLING.95,534, R. S. STENTON. MANUFACTURE
OF PIGMENTS FOR PAINTS.

95,535, S. STOW. SEED-DRILLS.

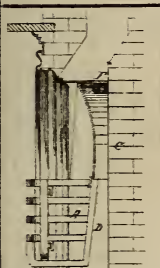
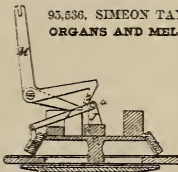


95,541, CH. IMMANUEL VOIGT.

DOUBLE-SHOVEL FLOWS.



95,529,

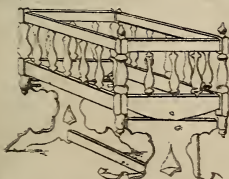
ASA SNYDER.
FIRE-PLACE.95,536, SIMEON TAYLOR.
ORGANS AND MELODEONS.

95,542, WM. H. WALTON.

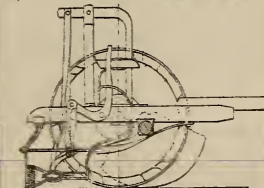
BATH-TUB EDUCATION-TUBES.



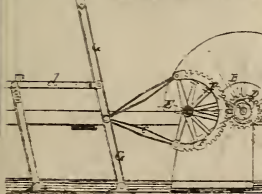
95,530, AUGUSTUS SPIEGEL. CRADLES.



95,537, T. H. TAYLOR. HARVESTERS.

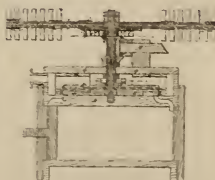
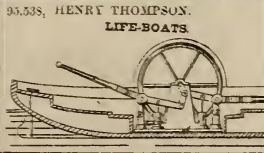


95,531, F. A. SPOFFORD.

MATTHEW G. RAFFINGTON.
WATER-VELOCIPEDS.

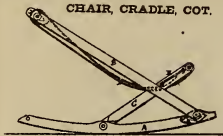
95,543, WILLIAM WICKERSHAM.

STEAM-ENGINE GOVERNORS

95,532, SAMUEL STANTON.
STEAM-GENERATORS.95,538, HENRY THOMPSON.
LIFE-BOATS.95,539, J. N. THOMPSON.
WILLIAM KENADY.
GANG-PLOW

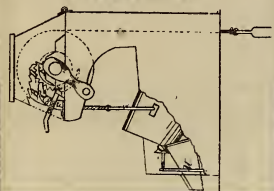
95,544, JOHN T. WIGHTMAN.

CHAIR, CRADLE, COT.



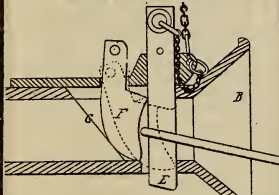
95,545, J. W. WHEELER.

WATER-ELEVATORS.



95,546, JOSEPH C. WILSON.

RAILWAY-CAR COUPLING.



95,547, CHAS. V. WOERD. WATCHES.



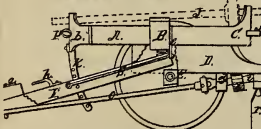
95,548, REFUS C. WOOD.

PITMAN-CONNECTION FOR HARVESTER.



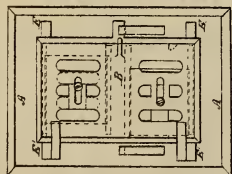
95,549, DANIEL WOODBURY.

HORSE-POWERS.

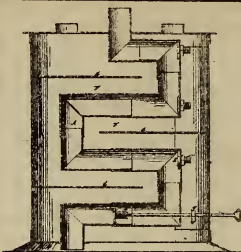


95,550, DAVID H. YOUNG.

FURNACE-DOOR FRAMES.

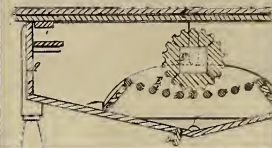


95,551, WM. ALLCHIN. STOVE-DRUM.



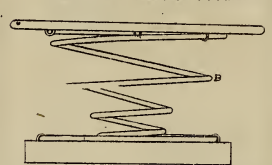
95,552, DANIEL ARNDT.

WASHING-MACHINE AND TABLE.



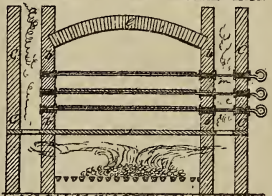
95,553, LYMAN M. BATES.

SPRINGS FOR BED-BOTTOMS.



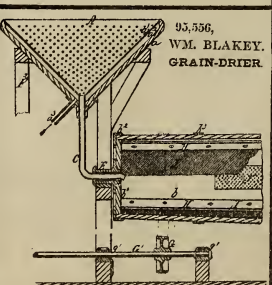
95,554, SILAS BARKER.

THE MANUFACTURE OF SHEET-IRON.



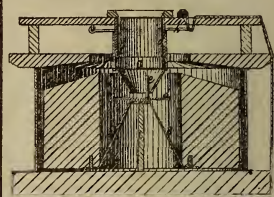
95,555, R. C. BLACKALL.

RAILWAY-RAIL CHAIR.

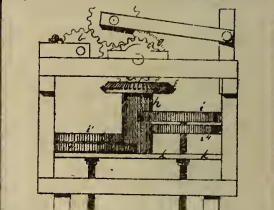
95,556,
WM. BLAKEY.
GRAIN-DRIER.

95,557, R. W. BOWMAN.

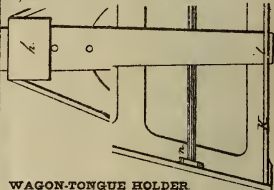
GRINDING-MILLS.



95,558, ASA BROOKS. CIDER-PRESSES.



95,559, ORLANDO F. BRYANT.

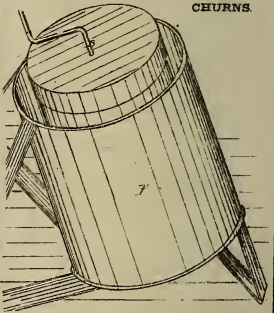


WAGON-TONGUE HOLDER

95,560, FRANCIS BURDICK.

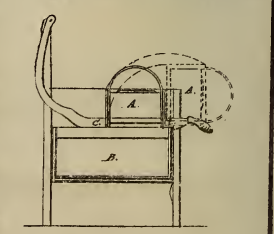
LODOWICK BURDICK.

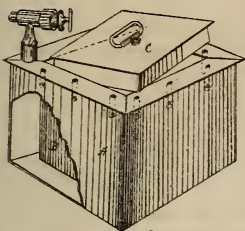
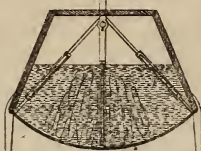
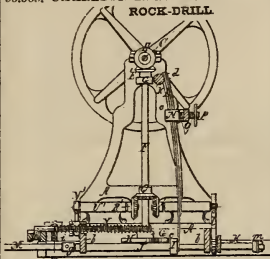
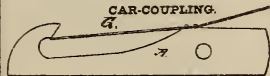
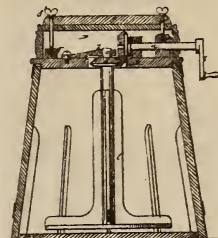
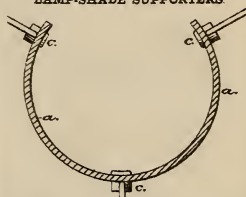
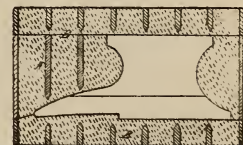
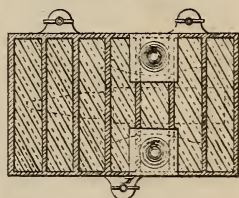
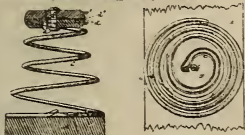
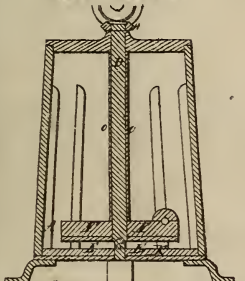
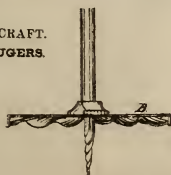
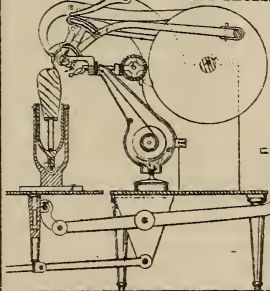
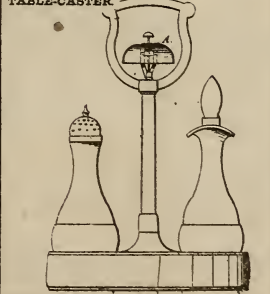
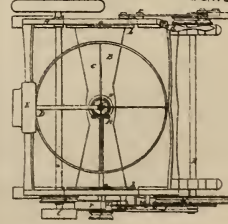
CHURNS.



95,561, JESSE BURGESS. COMBINED

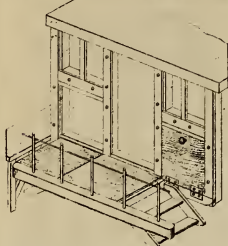
STRAW-CUTTER AND FEED-BOX.



95,562, MORGAN BURTON.
REFRIGERATOR.95,567, JOHN CRAMPTON.
WM. H. FANGBORN.
WASHING-MACHINE.95,568, NORMAN CUTLER.
ELLIOT SAVAGE.
MANUFACTURE OF IRON AND STEEL.95,569, CHARLTON H. DAVIS.
ROCK-DRILL.95,570, CALVIN R. DENSMORE.
JACOB A. VROOMAN.
CAR-COUPLING.95,573, CHAS. F. DODGE.
WASHING-MACHINE.95,574, JOSHUA ELLINGWOOD.
PROCESS OF DISTILLING SPIRITS.95,575, C. W. EMERSON.
LAMP-SHADE SUPPORTERS95,576, B. F. FIELD. R. D. O. SMITH.
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OTHER PURPOSES.95,577, DAVID FOSTER. MANUFACTURE
OF ANVILS, AND THE TOP AND BOTTOM
PARTS OF HAMMERS.95,564, CHARLES L. CHADEAYNE.
SPRING-BED BOTTOM.95,565, E. HALL COVEL.
WASHING-MACHINE.Z. S. CRACRAFT.
POST-AUGERS.95,571, AUGUSTE DESTOY.
SEWING-MACHINES FOR BOOTS
AND SHOES.95,572, HENRY A. DIRKES.
TABLE-CASTER.95,578, ARTHUR L. FREEMAN.
APPARATUS FOR TRANSMITTING
POWER.

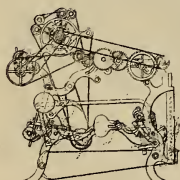
95,579, J. GILMER.

PLATFORM FOR RAILWAY-CARS.

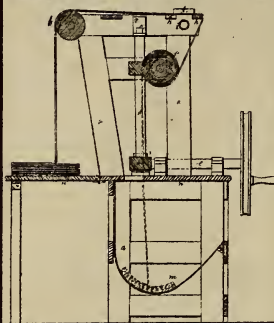


95,580, JOHN GOULDING.

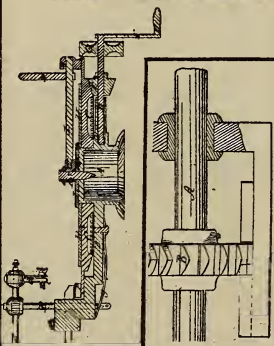
MACHINE FOR DRAWING AND SPINNING WOOL &c. FROM THE CARDING-MACHINE.



95,584, W. HEDDON. MACHINES FOR STEAMING AND SHRINKING CLOTH.



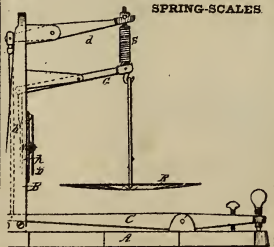
95,585, GEO. W. HECKART. MACHINE FOR BENDING FIFTH-WHEELS.



95,586, WILLIAM M. HENDERSON. MECHANICAL MOVEMENT.

95,587 SUSPENDED

95,588, SIMON INGERSOLL. SPRING-SCALES.



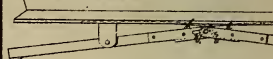
95,589, H. IVERSEN, D. ACKER.

STAIR-ROD

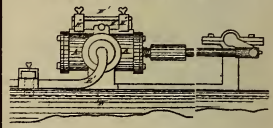


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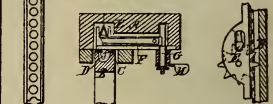
WAGON-SEAT. A



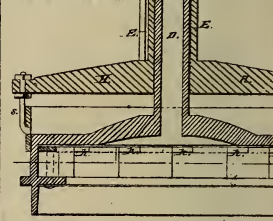
95,591, HANS KNUDSEN. STEAM-ENGINE SLIDE-VALVES.



95,592, JAMES S. KUDER. WILLOUGHBY SEIPLE. SASH-HOLDER.

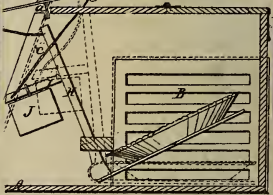


95,593, DENNIS LANE. WATER-WHEELS.

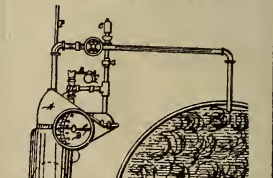


95,594, DANIEL P. LEACH.

HENS' NESTS

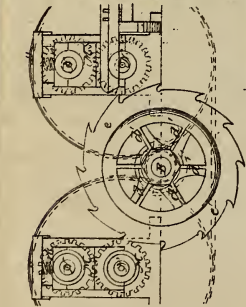


95,595, L. L. LEE. LOW-WATER INDICATOR.



95,582, WILLIAM P. HALE.

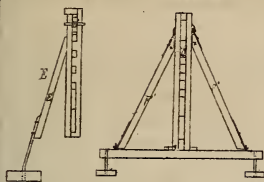
MACHINE FOR SAWING LATH.



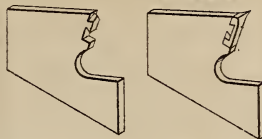
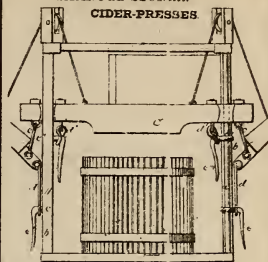
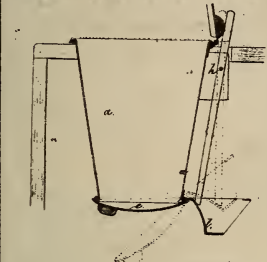
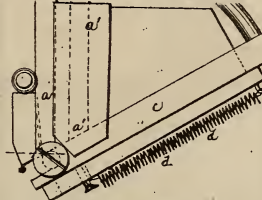
95,583, IRA HAYFORD. JOSEPH E. PAUL.

PROCESS OF TREATING WOOD, TO PRESERVE, SEASON, AND GIVE IT A BETTER SURFACE

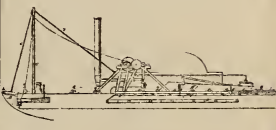
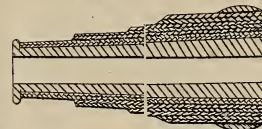
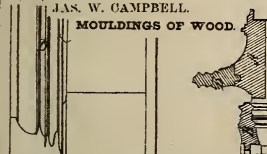
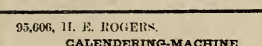
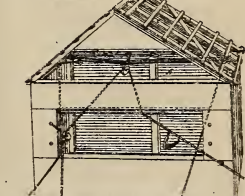
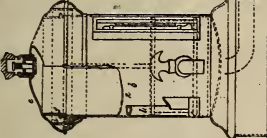
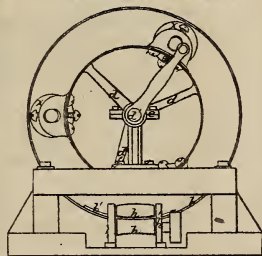
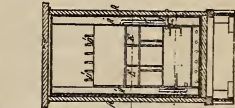
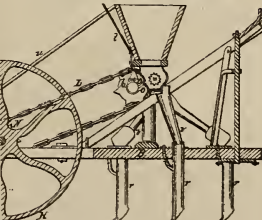
95,596, WM. MALLARY. FENCES.



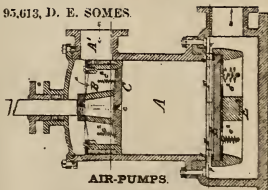
95,602, W. B. NOYES. SAW-TEETH

95,603, JOHN SCHAFFER.
EMANUEL STOKER.
CIDER-PRESSES95,597, WM. E. MARSH.
WATER-CLOSETS FOR RAILROAD-CARS.95,603, ELIJAH S. PIERCE.
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95,609, E. M. SHIELD. SNAG-BOAT.

95,604, JOHN B. READ.
CONSTRUCTION OF ORDNANCE95,598, W. J. MILLER.
JAS. W. CAMPBELL.
MOULDINGS OF WOOD.95,605, V. RILLET
SIRUP FOR FLAVORING BEVERAGES.95,610, WARREN P. SIGSBY.
COMPOUND FOR CURING TOOTHACHE95,611, ANTHONY SMITH.
HAY-ELEVATORS95,599, ELIE MONEUSE.
LOUIS DUPARQUET.
COFFEE-POT.95,606, H. E. ROGERS.
CALENDERING-MACHINE95,612, D. E. SOMES. REFRIGERATOR
SIDEBOARD AND ROOM-COOLER95,600, CHARLES MUHL.
WASHING-MACHINE.95,607 G. W. RUDE, J. R. RUDE.
S. B. RUDE. GRAIN-DRILLS

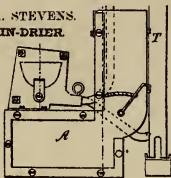
95,613, D. E. SOMES

95,601, GORDON H. NOTT.
BOILER-FURNACES.95,614, ROBERT STEAR.
APPARATUS FOR TRANSMI
TING POWER BY MEANS OF A FLUID
PASSED THROUGH A PIPE OR TUBE

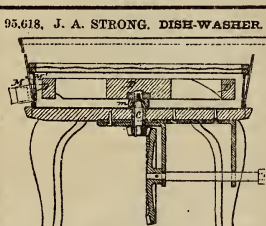
95,615. JOS. STEINHAUSER.
SLEEVES OF OVERCOATS.



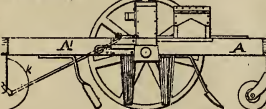
95,616,
SIDNEY M. STEVENS.
GRAIN-DRIER.



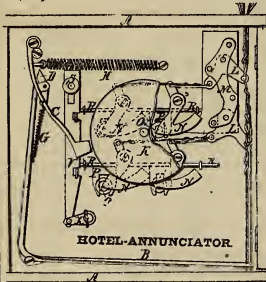
95,617, CHAS. M. STRAUSS.
PROCESS OF FORMING LETTERS,
CHARACTERS, AND ORNAMENTS ON
GLASS.



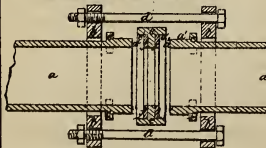
95,619, WM. H. TRIMMER.
GRAIN-DRILL.



95,620, LUCIUS J. VANSANDS.



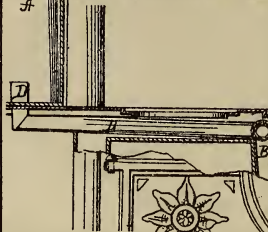
95,621, AUGUSTUS WEYERMANN.
PIPE-CONNECTIONS.



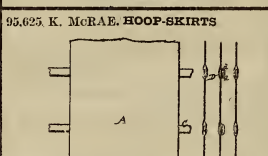
95,622, N. S. WHIPPLE.
SPRING FOR BEDS, BERTHS, CAR-SEAT



95,623, HENRY E. ROBBINS.
BOILERS FOR COOKING-STOVES.

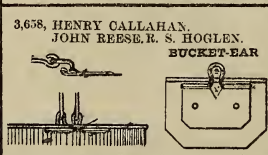


95,624, WM. THORPE.
MODE OF APPLYING INKS OF
DIFFERENT CHARACTERS, SO AS TO
PRINT SAFETY, REVENUE
AND OTHER STAMPS.



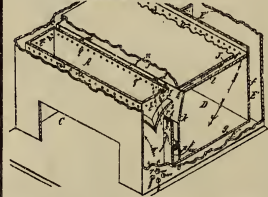
95,625, K. McRAE. HOOP-SKIRTS

95,626, THOMAS ANTISELL.
INKS FOR PRINTING REVENUE,
POSTAGE, AND OTHER STAMPS, SO
AS TO SECURE GREATER SAFETY
AND PREVENT FRAUDS.

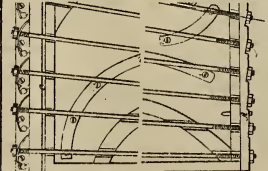


3,638, HENRY CALLAHAN.
JOHN REESE, R. S. HOGLEN.
BUCKET-BAR

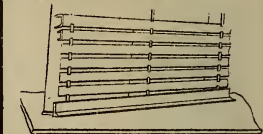
3,659, EDMUND J. CRIDGE.
COOKING-STOVE.



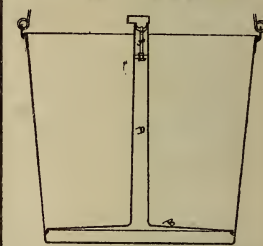
3,660, MARTIN MARTINS.
METAL FRAMES FOR PIANOS



3,661, ISAAC V. HOLMES.
METALLIC LATHING.



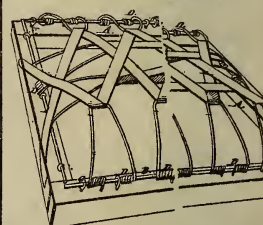
3,662, JOHN REIST. WASH-BOILER



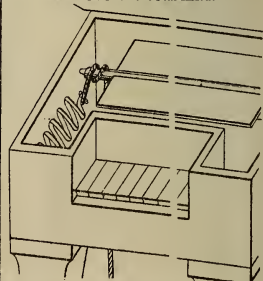
3,663 ARTHUR WADSWORTH.
ROBERT SCHELL.
ATTACHMENT OF MAIN-SPRINGS
TO WATCH-BARRELS, &c.



3,664 J. L. WHIPPLE, E. TROWBRIDGE.
SPRING-SEAT.



3,665, HITCHCOCK, SAXE, ROBERTSON.
TREMULO-ATTACHMENT.



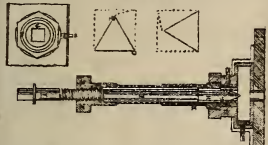
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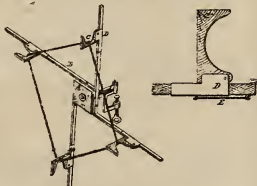
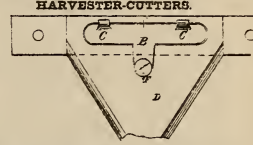
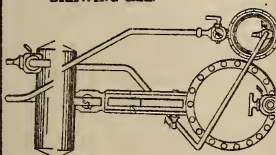
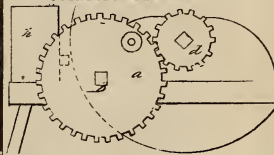
THE UNITED STATES PATENT OFFICE,

OCT. 12, 1869.

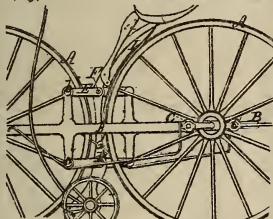
95,627, ALEX. ALLAN. BORING-TOOL.



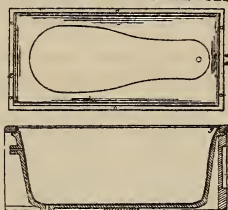
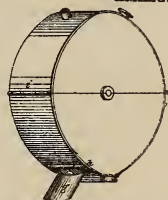
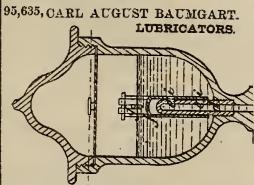
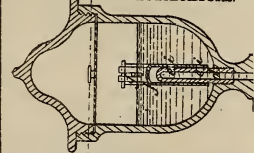
95,632, JAMES H. BARKER. REELS.

95,638, EDGAR M. BIRDSALL.
HARVESTER-CUTTERS.95,628, HENRY ANDES.
PNEUMATIC APPARATUS FOR
DRAWING ALE95,639, BYRON BISBEE.
GRINDSTONE-FRAME.

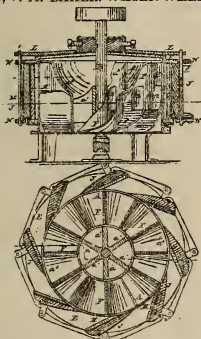
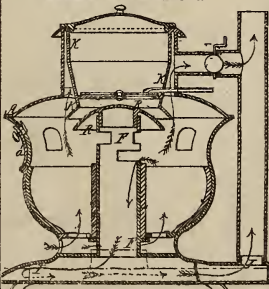
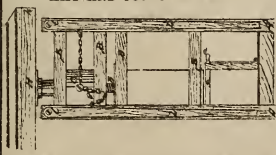
95,629, SOLOMON ANDREWS. VELOCIPEDS



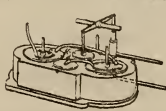
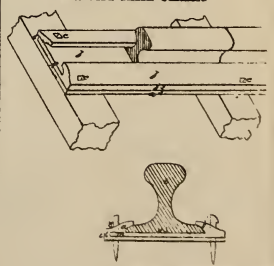
95,633, ARAD BARROWS. BATH-TUBS.

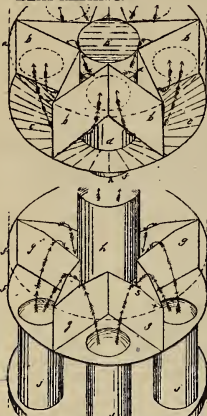
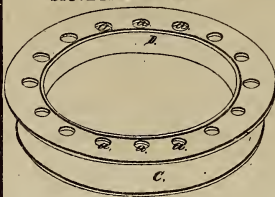
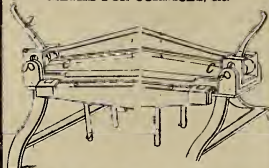
95,640, J. STRICKER BRADFORD.
ORE-CONCENTRATOR AND
AMALGAMATOR95,634, DANIEL P. BARTLETT.
ALF. ADAMS
ROOFING-FABRIC.95,635, CARL AUGUST BAUMGART.
LUBRICATORS.

95,630, V. M. BAKER. WATER-WHEELS

95,636, ROBERT BATING.
BASE-BURNING STOVE.95,641, JAMES B. BREWSTER.
DRAUGHT-BARS FOR VEHICLES.95,642, JAMES B. BREWSTER.
SUPPORTING-BARS FOR VEHICLES.95,631, WM. C. BANKS.
HAY AND COTTON-PRESSES.

95,637, WM. BAXTER. STEAM-ENGINES.

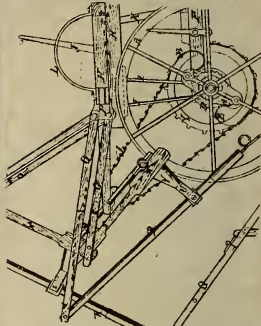
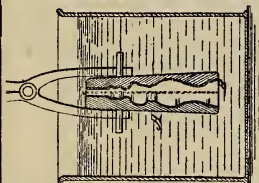
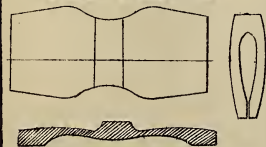
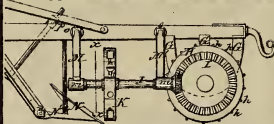
95,643, JAMES BRIDGER.
RAILWAY-RAIL CHAIR

95,644, WARREN BROWN.
HEAT-RADIATOR.95,649, C. A. BUTTLES.
STOVE-PIPE THIMBLE.95,650, C. A. BUTTLES
D. MURPHY.
MACHINES FOR BENDING SHEET
METAL FOR CORNICES, &c.

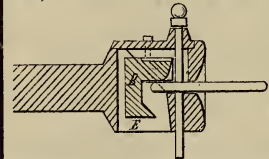
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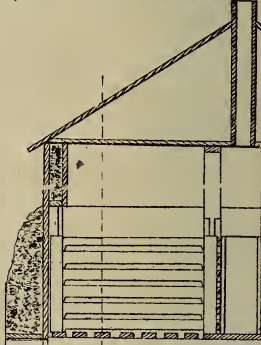
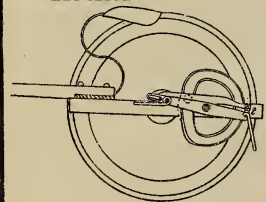
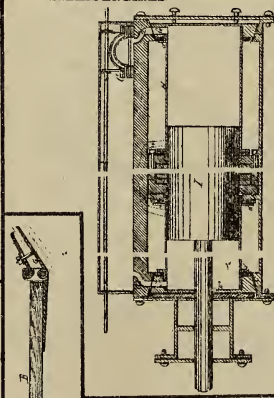
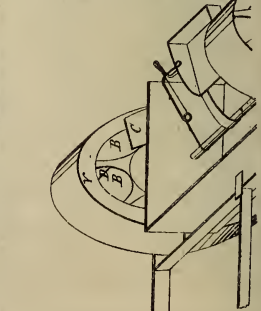
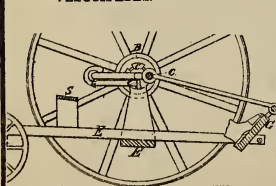
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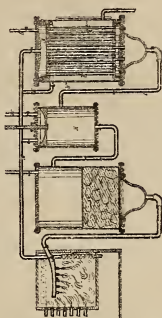
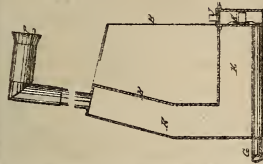
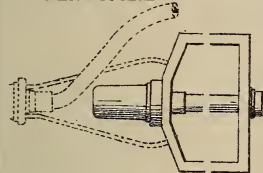
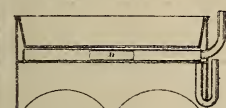
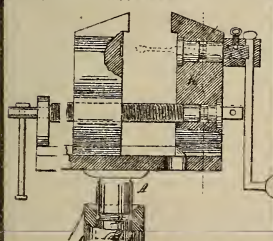
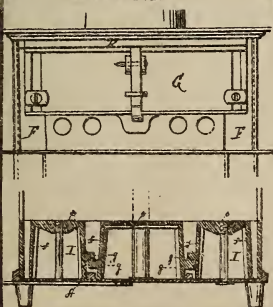
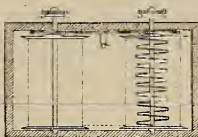
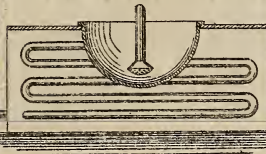
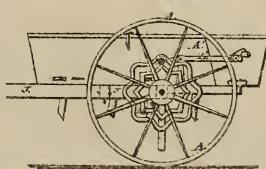
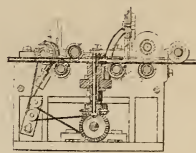
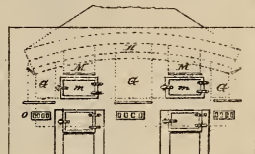
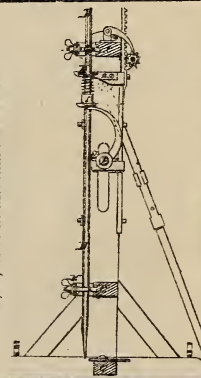
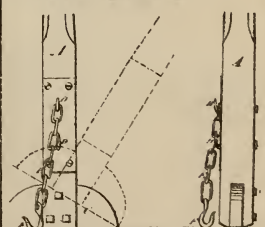
95,645, J. BRUNNER.
CASTING HOLLOW ARTICLES.95,646, WILLIAM BUNTON.
BLANK FOR AXE-POLLS.95,651, H. B. CAGE.
COTTON-CHOPPER AND SCRAPER.

95,652, A. H. CLARK. CAR-COUPLING.

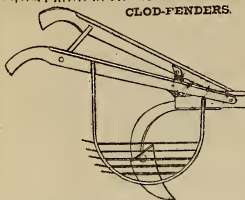


95,657, NATHAN COPE. FRUIT-HOUSES.

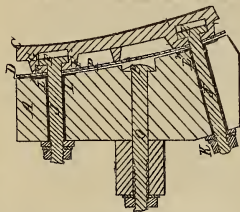
95,647, HIRAM M. BURDICK.
HAY-TEDDER.95,653, WM. H. T. CLARK.
STEAM-ENGINES.95,658, DANIEL BROWN EXCAVATOR.
JAMES COWDEN95,648, VICTOR H. BUSCHMAN.
VELOCIPEDES.95,654,
S. CLOUGH.
ROOF-BRACKET.

95,659, E. M. CRANDAL. **HEMP-BREAK.**95,663, THOMAS S. DICKERSON.
**MANUFACTURE AND APPLICATION OF
GAS FROM PETROLEUM. &c.**95,660, JAMES M. CROCKETT.
FIRE-PLACE95,661, EDWARD DAVIDSON.
WATER-TUTERE95,662, JOB A. DAVIS.
STEAM CHEESE-VAT.95,663, OTIS DEAN. **VISE.**95,664, JOHN DE FRAIN.
COOKING-STOVE95,666, MARTIAL DIMOCK
**APPARATUS FOR EXHIBITING
PHOTOGRAPHS.**95,667, EDWD. DITHRIDGE.
LAMP-CHIMNEY.95,668, WM. JAMES DODGE
EVAPORATING SALT WATER. &c.95,669, JOHN W. DOUD.
**COMBINED SEED-SOWER AND
CULTIVATOR.**95,670, HENRY DOUGLAS.
JAMES DOUGLAS.
MACHINE FOR MAKING COP-THUES95,671, JOHN S. DUNHAM. **OVEN.**
JAMES GREEN.95,672, W. C. EIDENFIELD. **STONE-DRILL.**95,673, RUSSELL FISK.
**COMPOUND FOR PAVEMENTS.
ROADWAYS. &c.**95,674, F. R. POSTER.
GRAIN-SEPARATORS.95,675, E. W. GALE.
HORSE CANT-HOOK

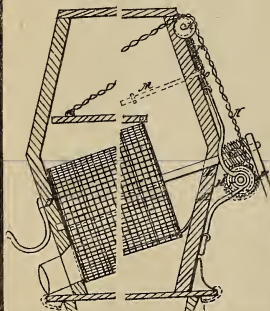
95,676, FRANCIS M. GARDNER.
CLOD-FENDERS.



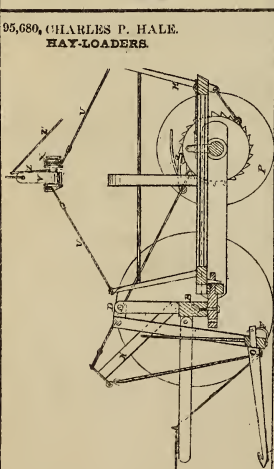
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RAILWAY-CAR-BRAKE SHOE



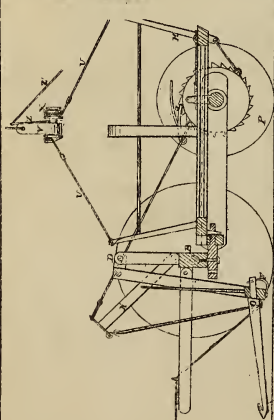
95,678, JOHN L. GRIFFIN.
COAL-ASH SIFTER.



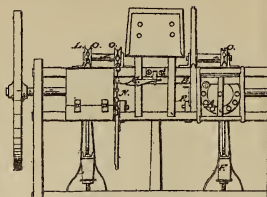
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SOAP.



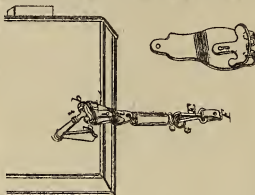
95,680, CHARLES P. HALE.
HAY-LOADERS.



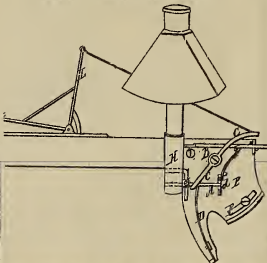
95,681, J. J. HARPEL.
CORN-PLANTERS.



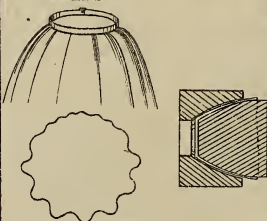
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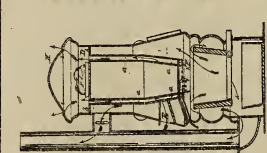
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HAND CORN-PLANTERS.



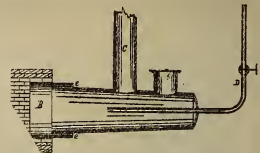
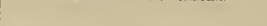
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SKIRTS



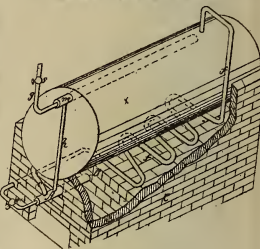
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BASE-BURNING STOVES.



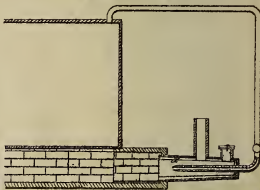
95,686, SAMUEL A. HILL.
CHAS. F. THUMM.
APPARATUS FOR HEATING
PUDDLING-FURNACES.



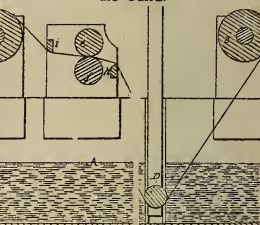
95,687, SAMUEL A. HILL.
CHAS. F. THUMM.
DEVICES FOR GENERATING STEAM IN
STEAM-GENERATORS.



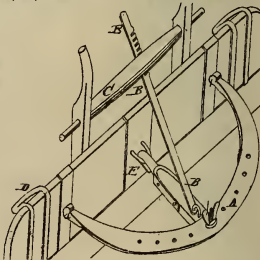
95,688, SAMUEL A. HILL.
CHAS. F. THUMM.
APPARATUS FOR GENERATING
STEAM IN BOILERS



95,689, JAS. HOWARD.
MACHINE FOR TARRING PAPER FOR
ROOFING.



95,690, LYMON HOWE, ROAD-SCRAPER.



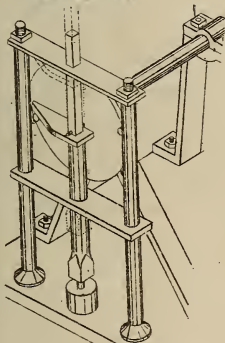
95,691, WM. M. HOWLAND.
GEO. L. HOWLAND.
HOISTING-APPARATUS.



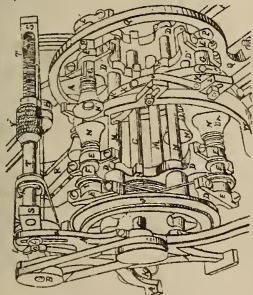
95,692, GEO. R. JOHNSON.
STATION-INDICATORS.



95,693, EDWARD KAYLOR.
DROP-HAMMER.



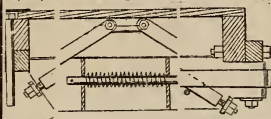
95,694, JAMES KIEVLAN LATHE.



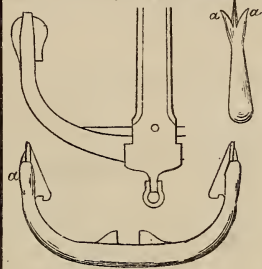
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LINIMENT AND MEDICAL COMPOUND.

95,696, EMIL KUNZENDORF.
FIRE-PROOF PAINT.

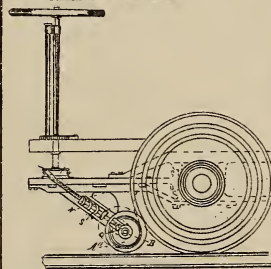
95,697, M. C. LAWLESS. RAILWAY-CARS.



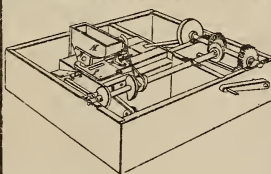
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CHAS. A. STEWART.



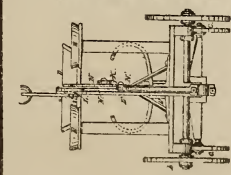
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RAILWAY-BRAKE.



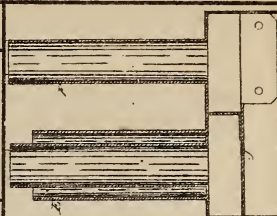
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MACHINE FOR WIRING HINGES.



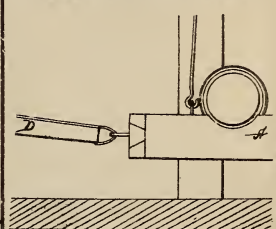
95,701, PETER LUTKE.
VEHICLE PROPELLED BY HAND.



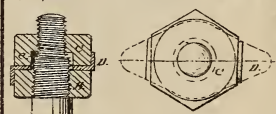
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CHIMNEYS.



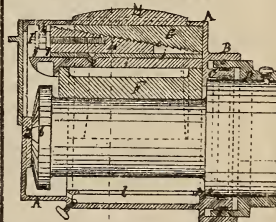
95,703, W. P. MARTIN.
APPARATUS FOR IMPARTING AGE TO
WHISKEY AND OTHER SPIRITS.



95,704, WILLIAM C. MASON. LOCK-NUTS.



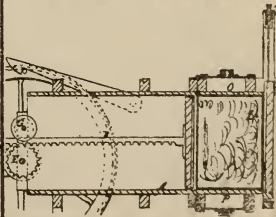
95,705, MARK McCAMMON.
RAILWAY-CAR-AXLE BOX.



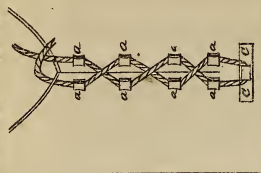
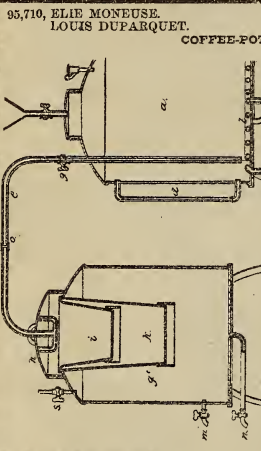
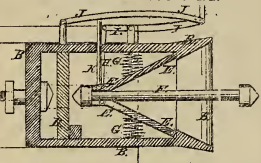
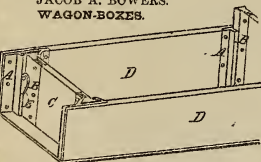
95,706, V. K. McELHENY.
COMBINED PIPE-TONGS AND WRENCH.



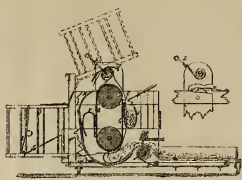
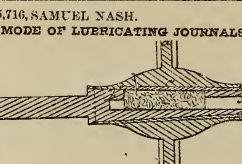
95,707, J. A. MCGILLIVRAE.
C. O. WHEELER.
HAY AND COTTON-PRESSES.



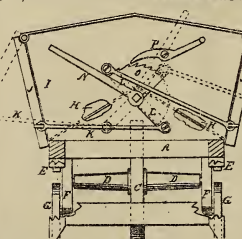
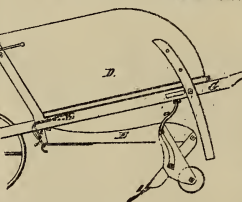
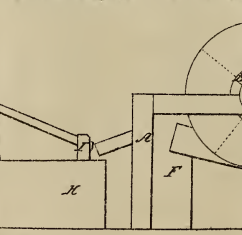
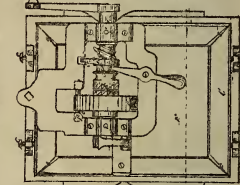
95,708, ALBERT G. MEAD. LACING-EYE.

95,709, EMIL F. MEYER.
MODE OF PREPARING ORNAMENTAL
TRANSPARENT LETTERS FOR SIGNS, &c.95,711, JAMES A. MORRISON.
RAILWAY-CAR COUPLING.95,712, WM. F. MOORE.
JACOB A. BOWERS.
WAGON-BOXES.95,713, PORTER C. MOULTON.
NECKTIE-RETAINERS.

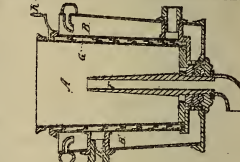
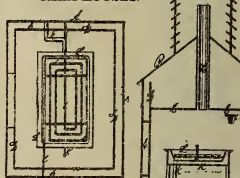
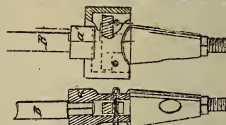
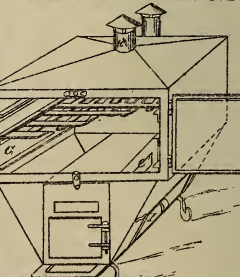
95,714, J. H. MUDGETT. GRAIN-BINDERS.

95,715, GEO. H. MUNROK.
PRESERVING MEAT FOR PASTRY-
PURPOSES.

95,717, PETER NOLING. WHEELBARROWS.

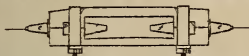
95,718, JOHN D. O'CALLAGHAN.
COMBINED WHEELBARROW AND
GARDEN-FLOW.95,719, ALEX. OSBORN.
MILK-COOLERS AND DEODORIZERS.95,720, J. W. PEARSON.
GAS-CHECK FOR ORDNANCE.95,721, G. S. PECK.
MACHINES FOR MAKING SHEET
METAL FANS.

95,722, JULIUS R. POND. MILK-COOLERS.

95,723, JULIUS R. POND.
MILK-HOUSES.95,724, HENRY BAUSCH.
HYDRANT STOP-COCK RODS.95,725, F. S. REEPLY.
S. M. ZENT
BAKING AND DRYING-STOVE

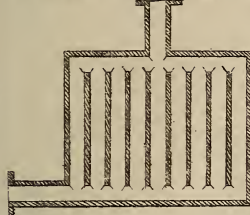
95,726, J. R. RENKIN.

REVERSIBLE AXLE FOR CARRIAGES.



95,727, EDWIN J. ROBBINS.

FIRE-BOXES FOR STEAM-GENERATORS.

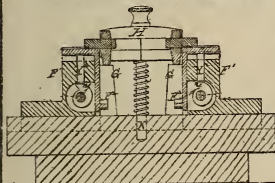


95,728, L. M. ROBY.

FOOT OR BED-WARMER.

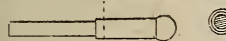


95,729, THOS. J. ROCKWOOD.

MACHINE FOR MILLING THE
KNIFE-EDGES OF SCALE-BEAMS.

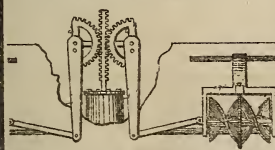
95,730, WM. H. ROGERS

FRICTION-MATCHES.



95,731, S. W. BOWELL.

SCREW-PROPELLER.



95,732, F. ROYS. METALLIC ROOFING.

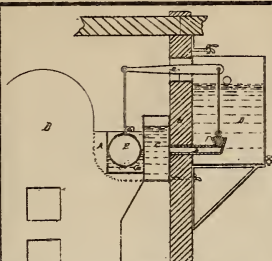


95,733, J. SANTON.

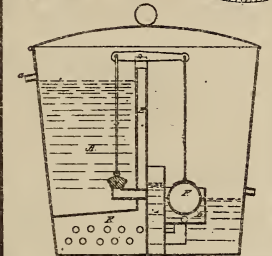
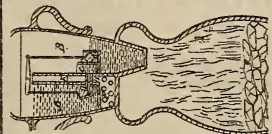
B. SANTON.
PROCESS OF PREPARING WOOL
FOR MANUFACTURE.

95,734, PH. I. SCHOPP.

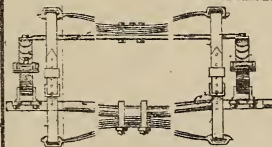
HOT-AIR FURNACE



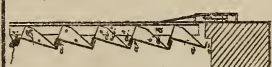
95,735, PH. I. SCHOPP.

BOILER FOR HYDRATING THE
ATMOSPHERE OF APARTMENTS.

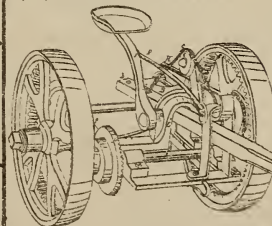
95,736, CHAS. SHEA.

COMPENSATING OR EQUILIBRIUM
SPRING.

95,737, S. M. SHERMAN WINDOW-BLIND.

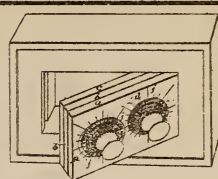


95,738, AMOS SMITH. HARVESTERS.



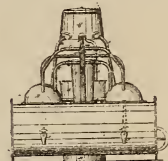
95,739, DANIEL SNELL.

PERMUTATION-LOCKS.

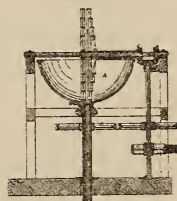


95,740, FRANK SONIER.

DISTILLING-APPARATUS FOR SPIRITS.



95,741, JOHN STAINTHORP.

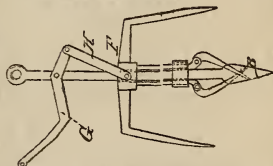
MACHINE FOR MIXING SOAP, PAINT,
PASTE, AND OTHER SIMILAR
MATERIALS.

95,742, NEWELL D. STEVENS. PLATE.

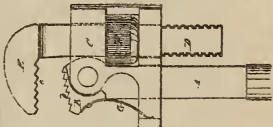
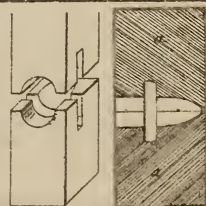


95,743, DAVID P. STEWART.

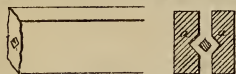
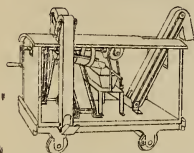
HORSE HAY-FORKS.



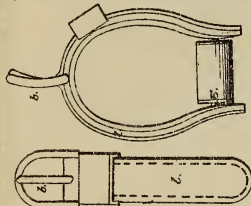
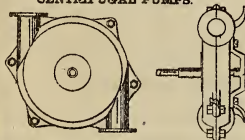
95,744, DANIEL C. STILLSON WRENCH.

95,745, SAMUEL STONE.
DIE FOR FORMING
HORSESHOE-CAIKS.

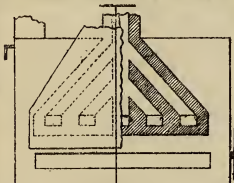
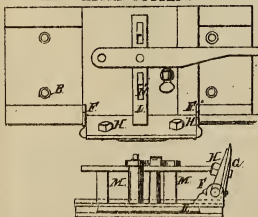
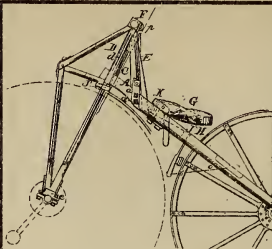
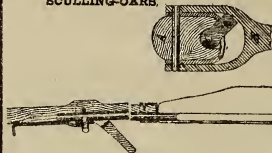
95,746, SAMUEL STONE. METALLIC BAR.

95,747, J. W. SYKES.
RAILROAD GRAIN-TRANSFERRERS.

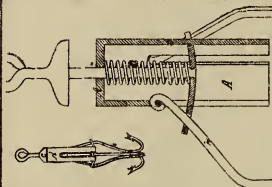
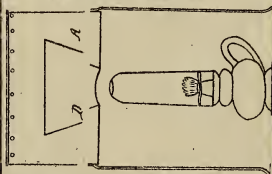
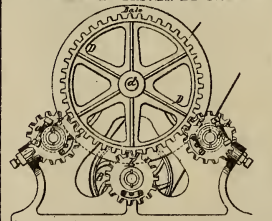
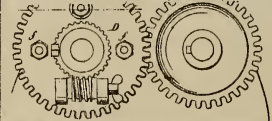
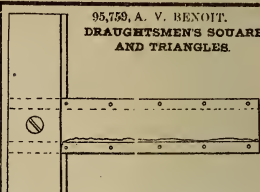
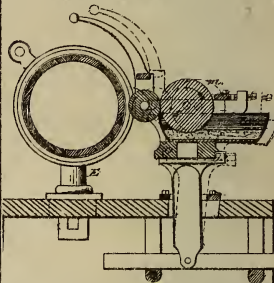
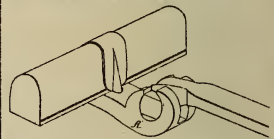
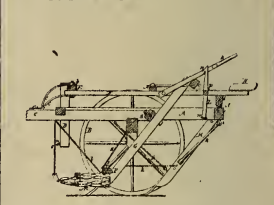
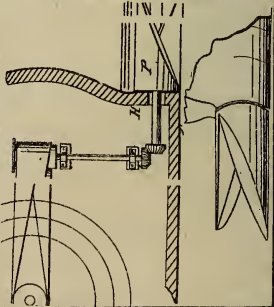
95,748, SAMUEL TAYLOR. SEAM-TUG.

95,749, STEPHEN P. THAYER.
CENTRIFUGAL PUMPS.

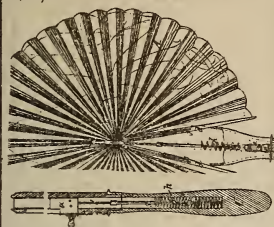
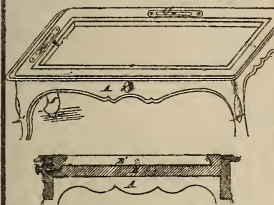
95,750, JOHN E. TREADWELL. OVEN

95,751, JOHN WEICHAERT.
MACHINES FOR GRINDING
HARVESTER-CUTTERS95,752, O. WUTH.
MANUFACTURE OF CRYSTAL GLASS95,753, MCGILTRICK YOUNG.
VELOCIPEDS.95,754, FRED. T. ANGERS.
SCULLING-OARS.

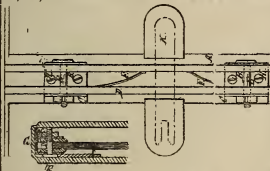
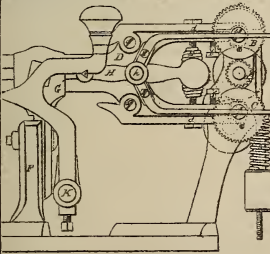
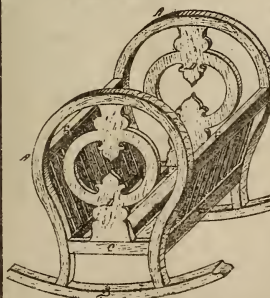
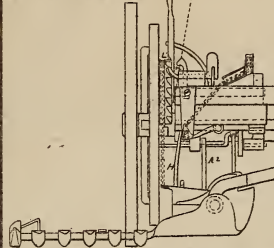
95,755, FRED. T. ANGERS. FISH-HOOK

95,756, JOHN ARMSTRONGS
HEATING-APPARATUS.95,757, GEO. H. BABCOCK.
JOS. P. MANTON.
JONATHAN BOYD.
MEANS FOR PREVENTING BACKLASH
IN MACHINES DRIVEN BY GEARING.95,758, GEO. S. BARTON. MACHINES FOR
PRINTING PAPER CLOTH &c.95,759, A. V. BENOIT.
DRAUGHTSMEN'S SQUARES
AND TRIANGLES.95,760, WM. H. BERGER.
GRAINING-MACHINE.95,761, ALFRED BIXBY.
CARRIAGE-CLIPS.95,762, JEREMIAH BOHAN.
CULTIVATORS.95,763, D. BOOKWALTER.
REVOLVING PROW FOR VESSELS.

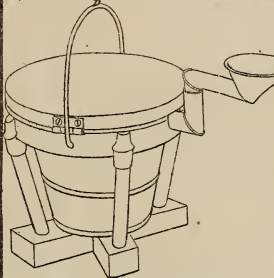
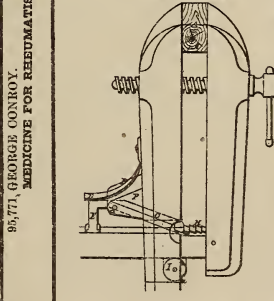
95,764, OTTO BRÜCK. FANS.

95,765, SOLOMON BRUNSWICK.
REVOLVING BILLIARD-TABLES.

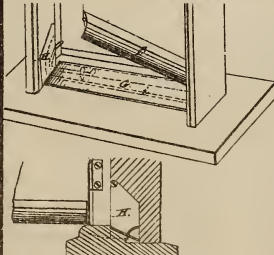
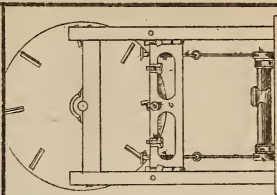
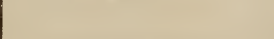
95,766, HUBERT BURGESS. PAPER-FILES.

95,767, J. S. CASEY.
STOP-MOTION FOR DRAWING-FRAMES.95,768, L. A. CHICHESTER.
CRIB OR CRADLE.95,769, THOMAS J. CLARK.
GEORGE M. CLARK.
MOWING-MACHINES.

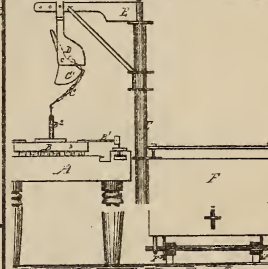
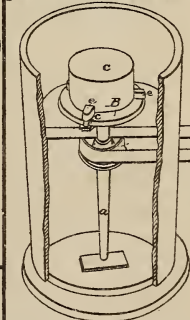
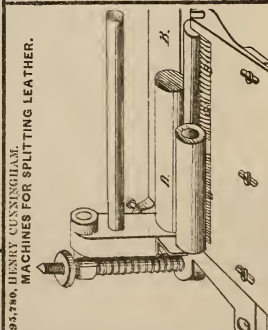
95,770, S. P. CLEMONS. MILKING-STOOLS.

95,772, ROSWELL F. COOK.
JOHN FOBES POST.
WOOD-VISE.

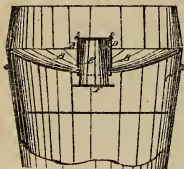
95,773, A. M. CORBIT. WEATHER-STRIP.

95,774, H. A. CROSSLEY
STAVE-JOINTER

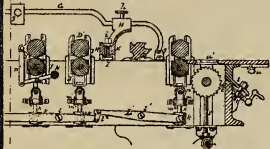
95,775, THOMAS CROSSLEY. CARPETS

95,776, THOMAS CROSSLEY.
FELTED CARPET-FABRIC95,777, THOMAS CROSSLEY.
MACHINE FOR PRINTING CARPETS.95,778, HENRY CUNNINGHAM.
GRINDING CURRIERS' KNIVES.95,779, HENRY CUNNINGHAM.
MODE OF SOFTENING LEATHER.95,780, HENRY CUNNINGHAM.
MACHINES FOR SPLITTING LEATHER.

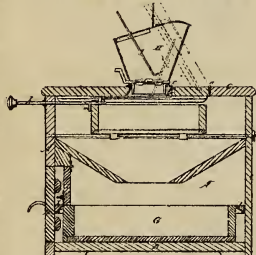
95,781, DANIEL S. CURTISS.
MILK-PAILS AND STRAINERS.



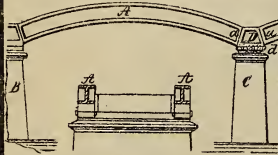
95,782, FRANK DOUGLAS.
PLANING-MACHINE.



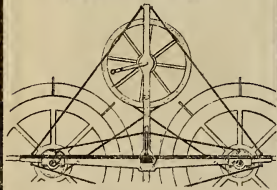
95,783, P. J. DWYER.
COAL-ASH SIFTER AND TABLE.



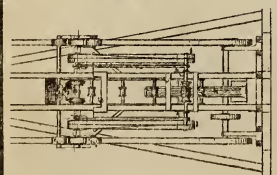
95,784, JAS. B. EADS. ARCHED BRIDGES.
HENRY FLAD.



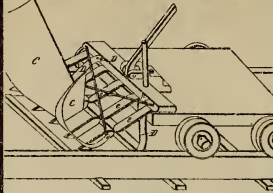
95,785, GEORGE A. FALL.
WATER-LOCOMOTIVES.



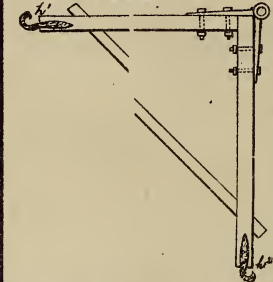
95,786, HENRY FLAD.
FILE-DRIVER.



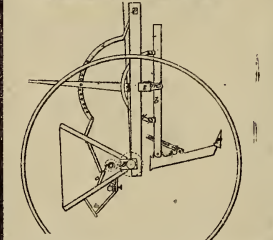
95,787, GEORGE FOWLER.
RAILWAY-TRACK CLEARER.



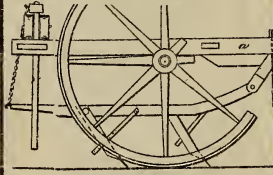
95,788, HENRY A. GASTON.
ROTARY HARROW.



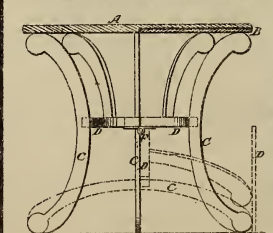
95,789, HENRY A. GASTON.
SEEDER AND GRAIN-DRILL.



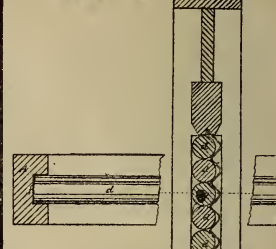
95,790, OSCAR L. GAYLORD.
SULKY-CULTIVATOR.



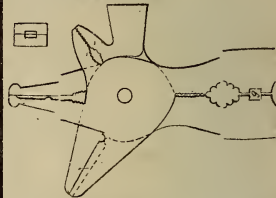
95,791, E. A. GOODES.
TABLE AND CRADLE COMBINED.



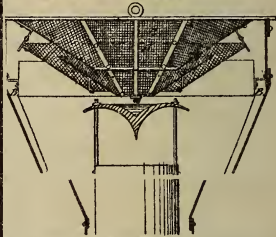
95,792, B. F. GOTT.
WASH-BOARD.



95,793, EMILE GRANIER.
COMBINED TOOL.



95,794, I. H. GRAVES.
SPARK-ARRESTERS.



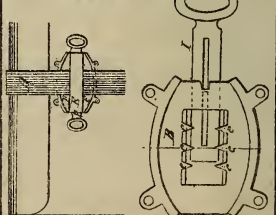
95,795, WILLIAM GREEN.
CAST-METAL CHIMNEY-CAPS.



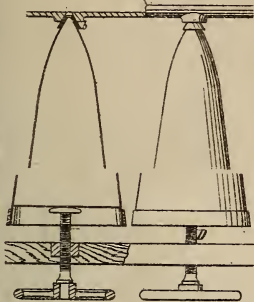
95,796, J. H. GUEST.
ELECTRICAL FIRE-ALARM
THERMOMETERS.



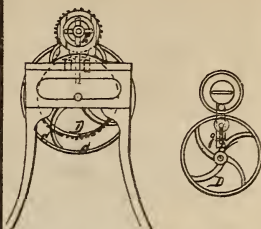
95,797, FREDERICK HEILES.
POCKET-BOOKS.



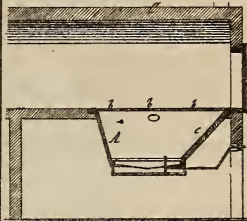
95,798, ALEXANDER HEBBST.
APPARATUS FOR DRYING SUGAR.



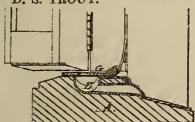
95,805, AMOS S. KELLY. SHOES.



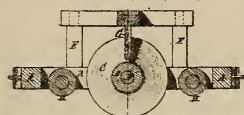
95,811, JULIUS GUSTAV KLUGE.
BAKERS' OVEN.



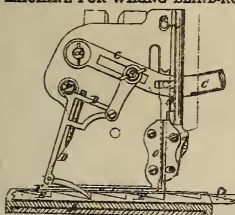
95,799, D. HITCHCOCK. DOOR-SILL.
D. S. TROUT.



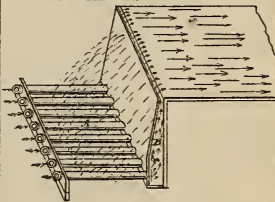
95,806, JOHN S. KELLY. PEAT-MACHINES.



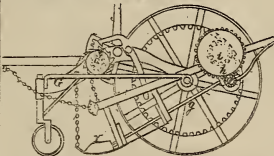
95,800, JOHN HOLZBERGER.
MACHINE FOR WIRING BLIND-RODS.



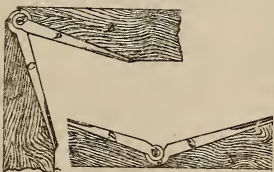
95,812, L. F. LAKEY. GRATE-BAR.
W. B. HAYTE.



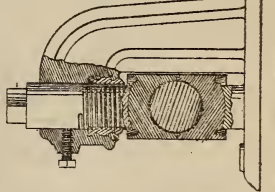
95,807, WM. G. KENYON.
MOWING-MACHINES.



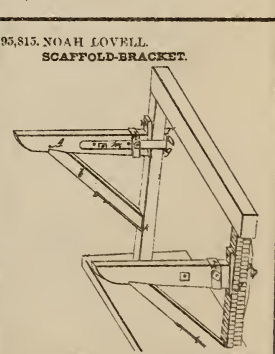
95,808, HENRY KILLAM.
HINGE FOR CARRIAGE-TOPS.



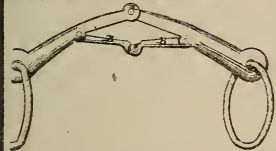
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E. MYERS.



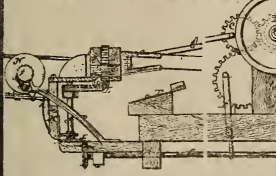
95,814, SUSPENDED.



95,801, C. M. HUCKINS. BRIDLE-BIT.



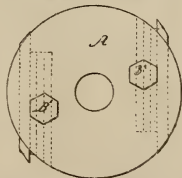
95,802, C. D. HUNT.
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95,803, W. A. IVES. AUGER.



95,809, JEFFERSON KINDLEBERGER.
WILLIAM AUGUSTUS ARNOLD.
CUTTER-HEAD.

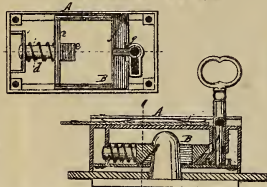


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WILLIAM AUGUSTUS ARNOLD.
MACHINE FOR TENONING BLIND-SLATS.

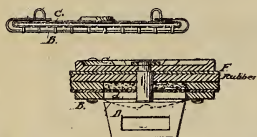
95,804, JAMES JERVIS.
FILE-CUTTING MACHINE.

95,816, E. O. LOWREY.

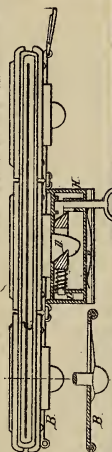
LOCKS FOR MAIL-BAGS, &c.



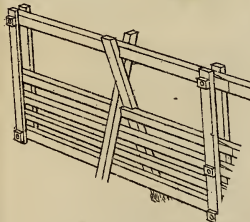
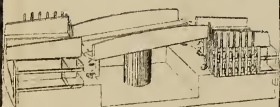
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95,819,
WM. W. LYMAN.
FRUIT-JARS.

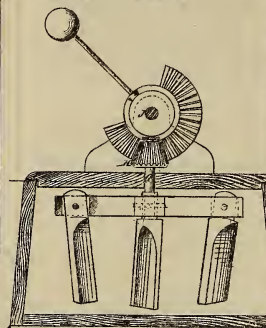
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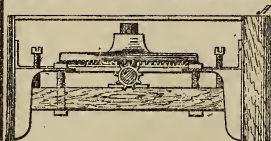
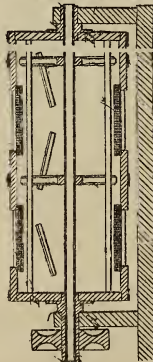
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GATE FOR DRAW-BRIDGES.

95,822, HAMILTON J. MAY. TOY-HOOP.

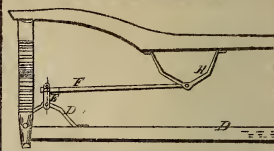
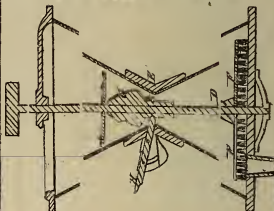
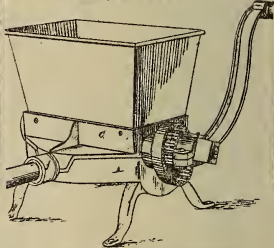
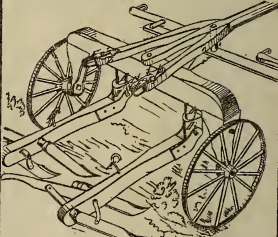
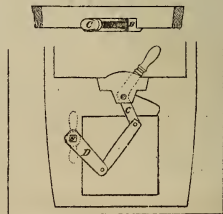
95,823, JOHN K. MERRICK.
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A. W. WILLARD.
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CHAS. H. EYNOLDS.
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95,826, GEO. W. MOYERS. HORSE-POWER.

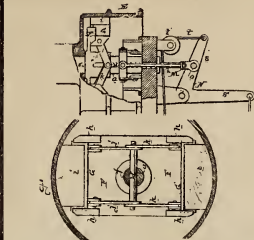
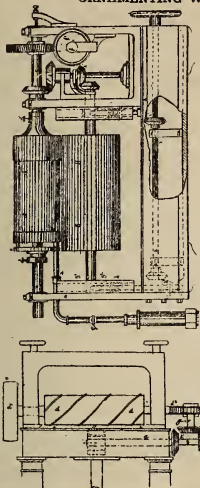
95,827, WILLIAM NEWELL.
MACHINES FOR POLISHING AND
CLEANING COFFEE.

95,828, J. H. ORMSBY.

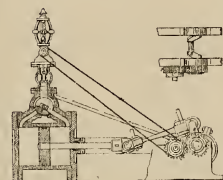
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95,829, GEORGE PARKER.
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CULTIVATORS.95,832, JAMES PENFIELD.
DAVID F. WOOLSEY.
COACH-DOORS.

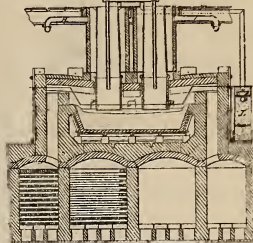
95,833, THOMAS THOMPSON PONSOMBY.
MACHINE FOR SURFACING AND
ORNAMENTING WOOD.



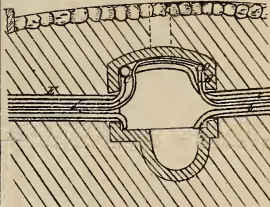
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CUT-OFF GEAR FOR STEAM-ENGINES.



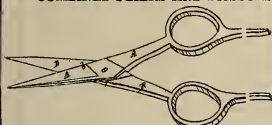
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MANUFACTURE OF IRON AND STEEL



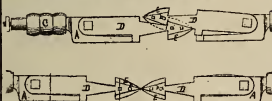
95,844, JNO. SILSBY.
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WATER, AND GAS-PIPES.



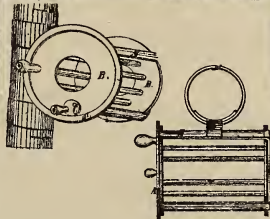
95,834, JOHN H. PRICE.
COMBINED FLIERS AND SCISSORS.



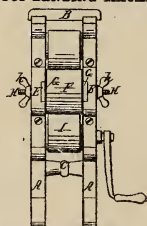
95,835, WALKER V. PULLIAM.
RAILWAY-CAR COUPLING.



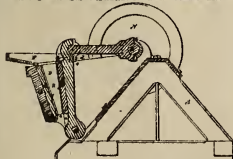
95,839, JAMES J. ROSS. FISHING-REELS.



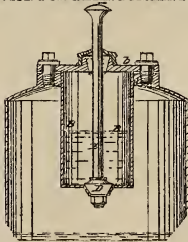
95,845, GEO. E. SMITH.
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95,836, GEO. W. RAWSON.
STONE-CRUSHING MACHINES.



95,840, ENNO SANDER.
DEVICE FOR EXTINGUISHING FIRES.



95,846, S. A. SMITH.
COMBINED BIT AND TAP.

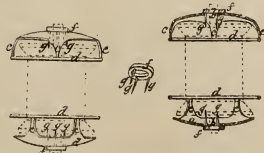


95,847, DANIEL McL. SOMERS.
SECURING BUTTONS TO FABRICS.

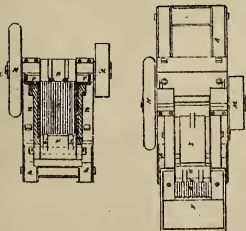


95,841 CANCELED.

95,842, THEO. O. L. SCHRADER.
SPOOL AND THREAD-PROTECTORS.



95,837, W. B. PEANEY.
HOISTING-APPARATUS.

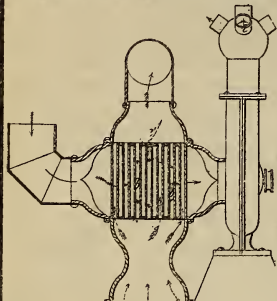


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D. E. SOMES.

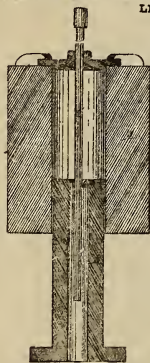


BED AND CUSHION-SPRING.

95,849, B. F. STURTEVANT.
APPARATUS FOR UTILIZING HEAT.



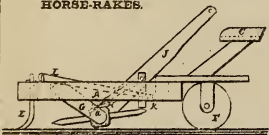
95,850, BENJ. TATHAM.
DIES FOR MANUFACTURING
LEAD PIPE.



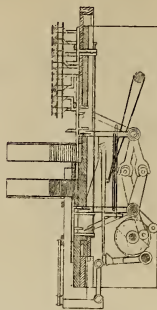
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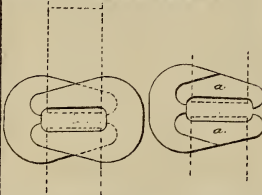
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HORSE-RAKES.



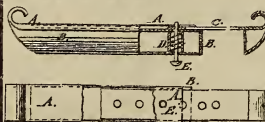
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95,854, MATTHEW TILDESLEY.
COTTON-BALE FASTENING.



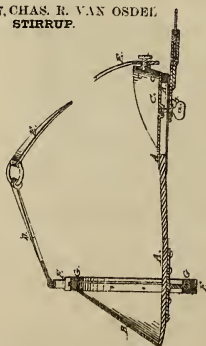
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J. M. WEGAND.
HAMPS-FASTENER.



95,856, E. W. VAILL. FOLDING CHAIR.

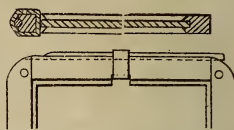


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STIRRUP.

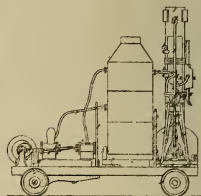


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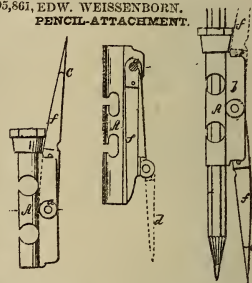
95,859, EDWD. G. WARD.
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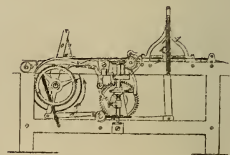
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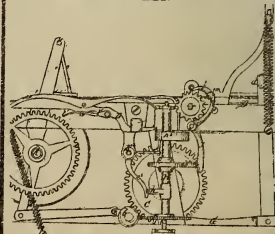
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PENCIL-ATTACHMENT.

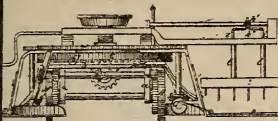


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MACHINERY FOR THE MANUFACTURE
OF FELT.

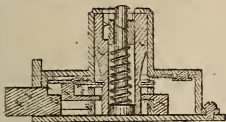
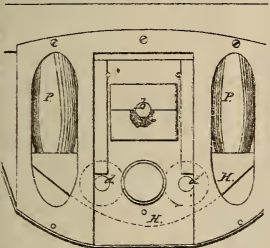


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MACHINE FOR THE MANUFACTURE
OF FELT.

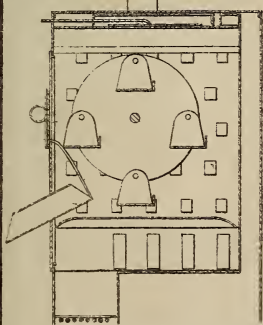
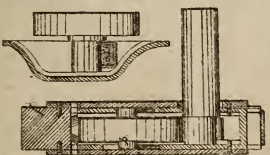
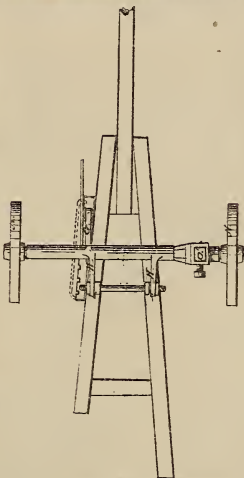
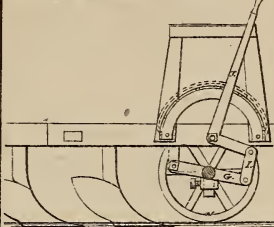
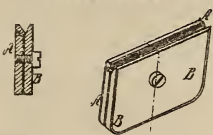
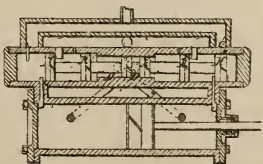
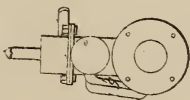


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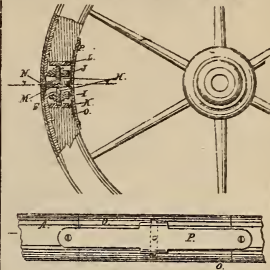
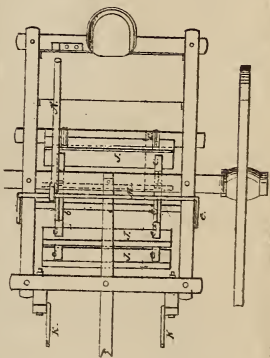
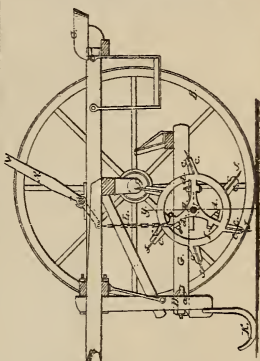
95,865, SILAS N. BROOKS. LOCKS.

95,866, HUGH YOUNG. CARRON-TOOL.
JAMES L. YOUNG.95,867, LOUIS BRAUER.
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3,666, HOSEA BALL. OVEN.

3,667, E. D. BRAINARD.
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3,672, JAMES ORR. TIRE-TIGHTENER.

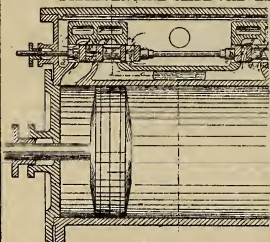
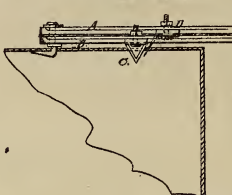
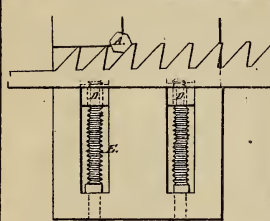
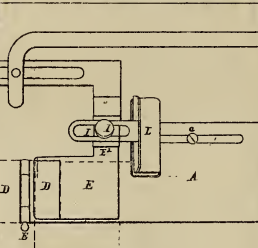
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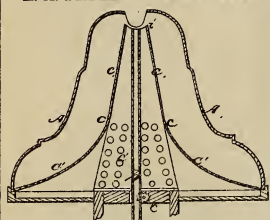
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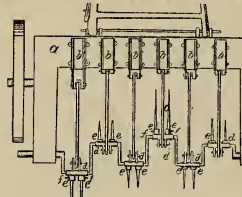
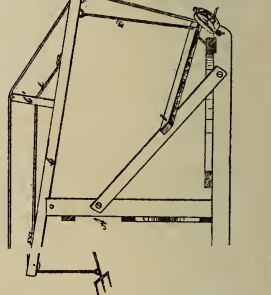
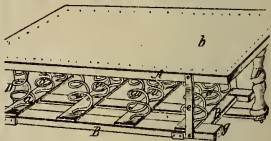
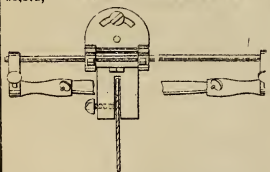
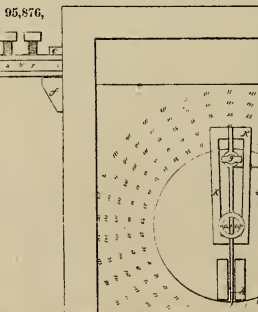
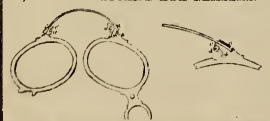
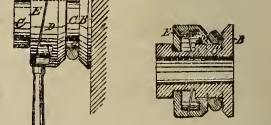
OCT. 19, 1869.

95,868, JOHN F. ALLEN.
STEAM-ENGINE SLIDE-VALVES.95,873, WM. MD BLEAKLEY.
CAN-OPENERS.95,877, DANIEL S. BROWN.
BOAT-DETACHING APPARATUS.95,878, AUGUSTUS OLIVER BRUMMEL.
DRIVEN-WELL POINTS.95,869, EMANUEL ANDREWS.
SAW-SWAGE.95,874, HENRY E. BODWELL, JR.
TUCKING-ATTACHMENT
FOR SEWING-MACHINES.

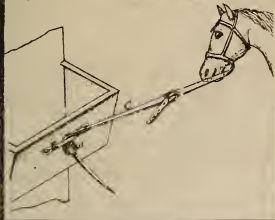
95,870, H. M. BEIDLER. LAMP-BURNER.



95,875, MILTON BOWKER HAY-SPREADERS.

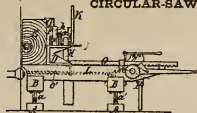
95,879, T. N. BUNNELL.
HAY-STACKERS.95,880, W. NEWTON COOK.
SPRING-BED BOTTOM.95,871, HENRY C. BELL.
SAW-FILING MACHINE.95,876, ADDING-MACHINES.
BENJAMIN B. BROWN.95,872, LOUIS BLACK.
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ALBERT COOPER.95,882, JOHN CORSON.
MANUFACTURE AND
PRESERVATION OF METALS.

E. D. CRAMER.
STABLE HORSE-TIE



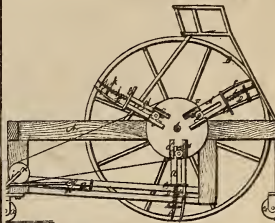
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WM. M. FERRY.
CIRCULAR-SAW MILLS.



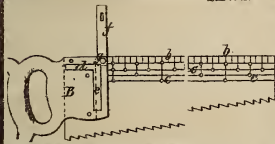
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DENNIS GORMAN.



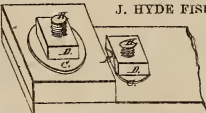
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SAWS.

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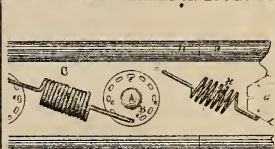
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J. HYDE FISHER.



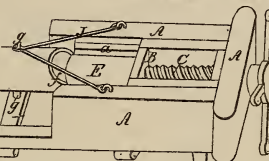
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IMPROVEMENT IN LOCK-NUT.



95,891

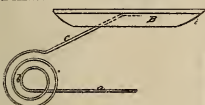
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SAUSAGE-STUFFER.



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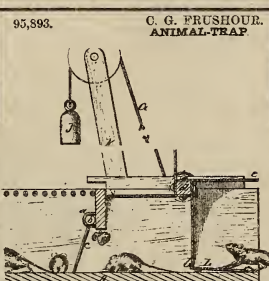
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CAR-SPRING



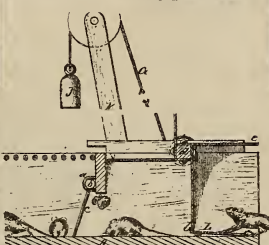
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PHOTOGRAPHIC PRINTING.



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C. G. PRUSHOUR.
ANIMAL-TRAP.



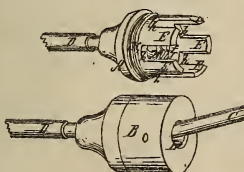
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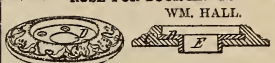
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SHAFT-COUPLING.



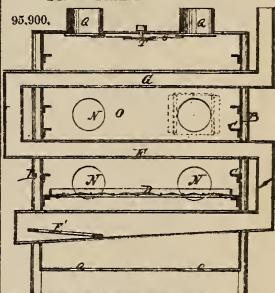
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WM. HALL.



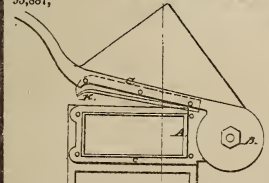
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FRUIT-DRIER. JOHN HARVEY.



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WILSON ELDER.
STRAW-CUTTERS.



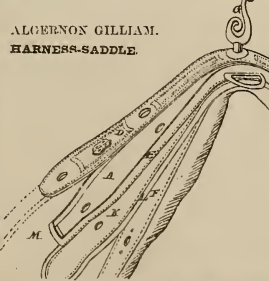
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HORACE W. GEORGE.
BOX-TOES FOR BOOTS AND SHOES.



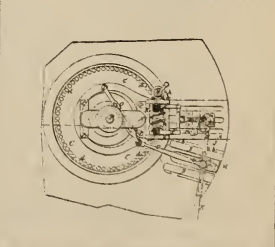
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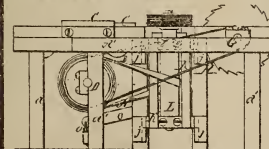
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MACHINES FOR DRESSING
MILLSTONES.

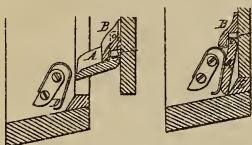


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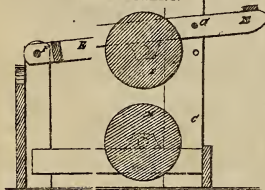
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MACHINE FOR SAWING LATH.



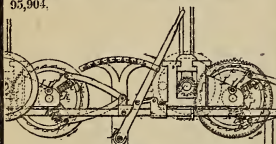
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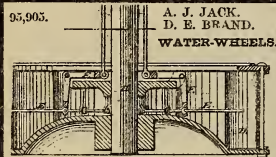
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J. W. HOWARD.
SLACK-BELT ATTACHMENT
FOR MACHINERY.

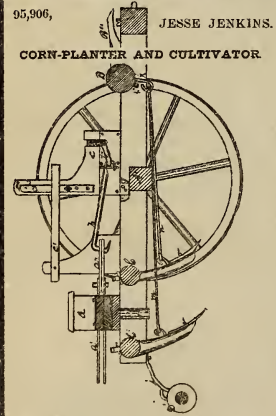
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JOSEPH HUBBELL.
HEAD-BLOCKS OF SAW-MILLS.

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A. J. JACK.
D. E. BRAND.
WATER-WHEELS.

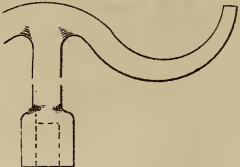
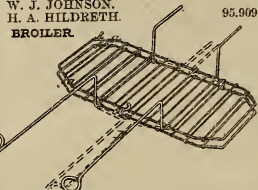
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JESSE JENKINS.
CORN-PLANTER AND CULTIVATOR.

95,907.

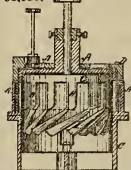
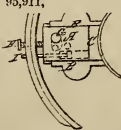
C. H. JOHNSON.
SLEIGH AND SLED-RUNNERS.

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WASH-PAVE KEY-HANDLE.W. J. JOHNSON.
H. A. HILDRETH.
BROILER.

95,909.

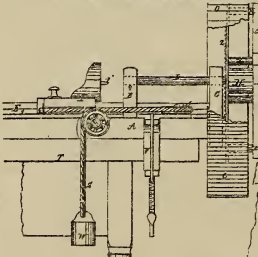
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JOHN J. KIMBALL.
WATER-WHEELS.C. A. KING.
LUBRICATOR FOR LOOSE PULLEYS.

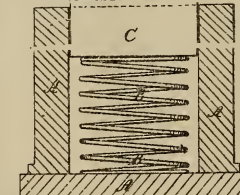
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C. A. KING
LUBRICATOR FOR
LOOSE PULLEYS.

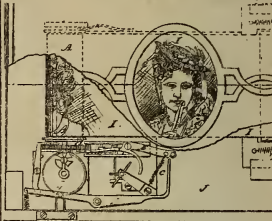
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WILLIAM E. KNIGHT.
ROTARY VEGETABLE-GRATER.

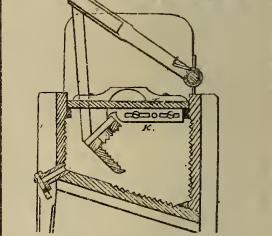
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F. KÖHLER.
A. J. ALSING.
SPRING POUNDING AND
CHOPPING-BLOCK.

95,915.

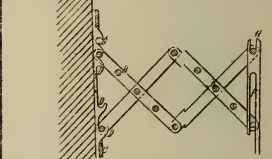
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MUSICAL PICTURE-CASE.

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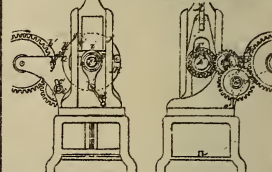
WILLIAM LEIGHTY.
WASHING-MACHINE.

CLOTHES-DRIER J. C. LONGSHORE.

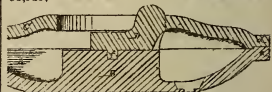
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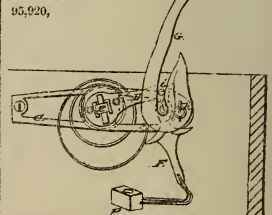
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HENRY O. LOTHROP.
MACHINE FOR MAKING
WIRE FERRULES.

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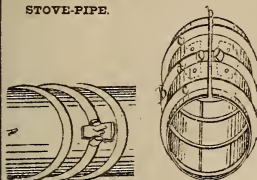
THOS. MAHER.
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JOEL MANCHESTER.
ANIMAL-TRAP.

HORACE A. MEARS.
STOVE-PIPE.

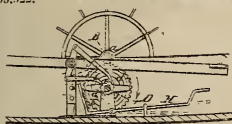
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CUT-OFF NOZZLE FOR CANS.

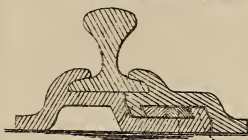
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JAMES N. FEASE.
FENCE-STAKE.JOHN PLAYER.
MANUFACTURE OF IRON AND STEELGEORGE A. MILANI.
PROPELLING VESSELS.

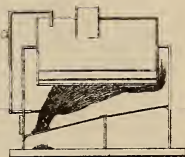
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FREDERICK NICKLIN.
RAILWAY-RAIL CHAIR.

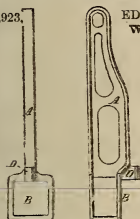
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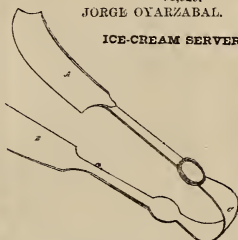
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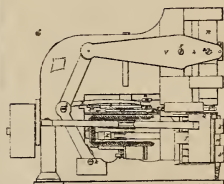
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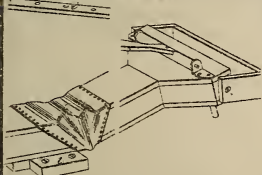
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ICE-CREAM SERVER.A. J. ROBERTS.
MACHINE FOR MAKING HORSESHOES

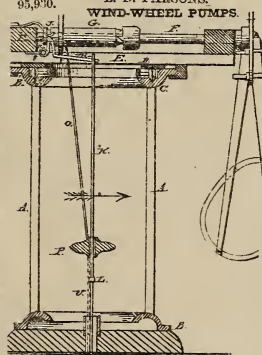
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T. MOLINIER.
APPARATUS FOR DECANTING LIQUIDS.

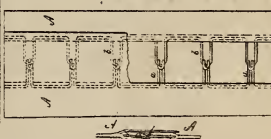
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L. D. PARSONS.
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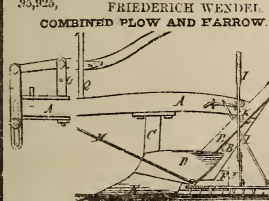
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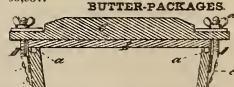
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ALBERT MOORE.
FRIEDRICH WENDEL.
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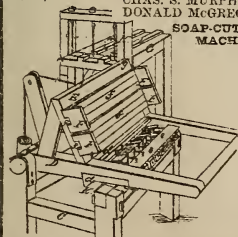
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THEODORE W. RYDING.
BUTTER-PACKAGES.

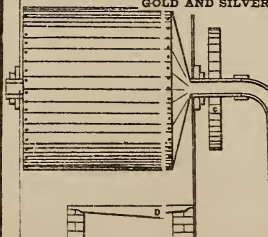
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CHAS. S. MURPHY.
DONALD MCGREGOR.
SOAP-CUTTING
MACHINE.ALMARIN B. PAUL.
J. L. WOOD.
PROCESS FOR AMALGAMATING
GOLD AND SILVER.

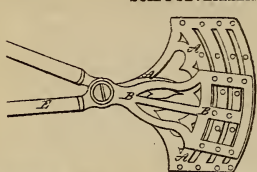
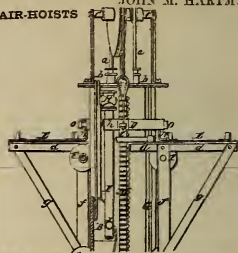
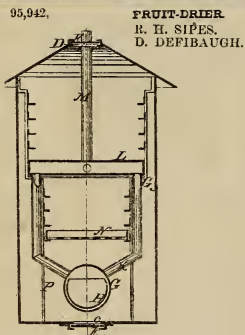
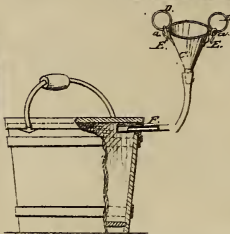
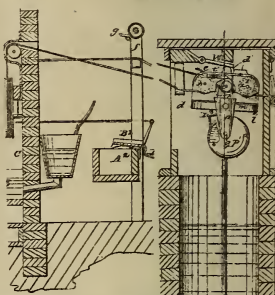
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ALBERT G. SAFFORD.
RAILROAD-CAR VENTILATOR.

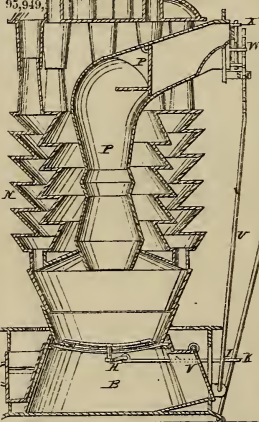
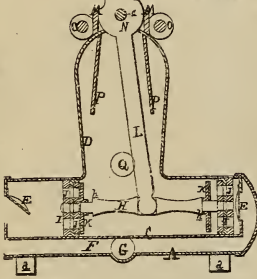
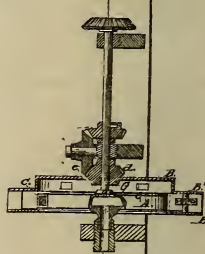
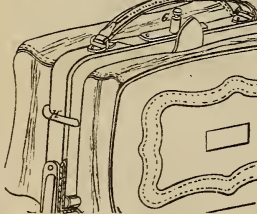
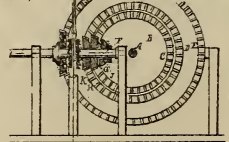
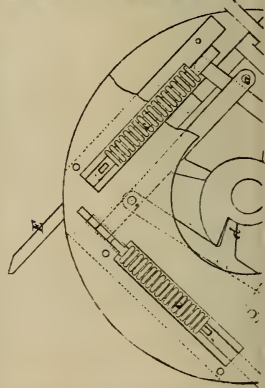
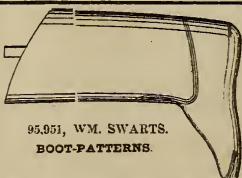
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GEORGE W. SCOLLAY.
PRESERVING DEAD BODIES

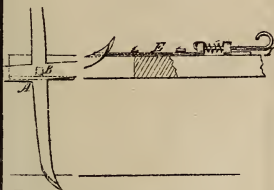
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95,940, WARREN SHUMARD.
SOIL-PULVERIZER.95,946, DAVID T. SNEEBAKER.
WAGON-BRAKES.95,952, LEWIS TAWS.
JOHN M. HARTMAN.
AIR-HOISTS95,941, B. SILLIMAN.
MANUFACTURE OF
ILLUMINATING-GAS.95,947, EUGENE SPEDDEN.
MILKING-APPARATUS.95,953, L. TAYLOR.
J. C. RICHARDSON.
WATER-ELEVATORS.95,948, HENRY W. STAPLES.
LAMP-FILLERS.

H. STICKNEY. COAL-STOVE.

95,943, ANTHONY SLUTHOUR.
PUMPS.95,954, WATER-WHEELS.
JOSÉ TORT.95,944, JOSEPH R. SMITH.
TRAVELLING-BAGS.GEARING FOR MOWING-MACHINES.
95,950, JOEL V. STRAIT.FREDK. TOWNSEND. 95,953,
STONE-CUTTING MACHINES.95,945, W. C. SMITH.
BED-BOTTOM.95,951, WM. SWARTS.
BOOT-PATTERNS.

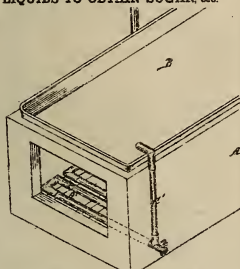
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ROTATING CULTIVATOR.



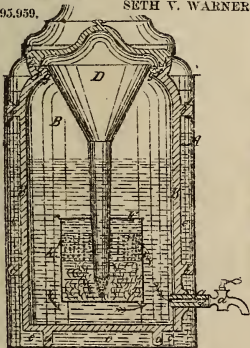
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HENRY C. VAN GILSON.



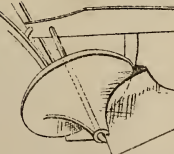
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APPARATUS FOR EVAPORATING
LIQUIDS TO OBTAIN SUGAR &c.



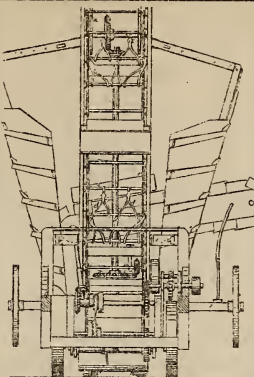
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SETH V. WARNER.



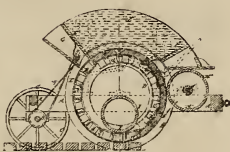
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FLOWS



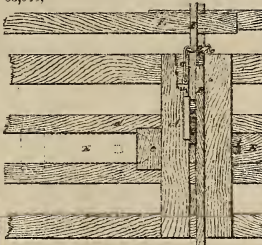
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EXCAVATOR.



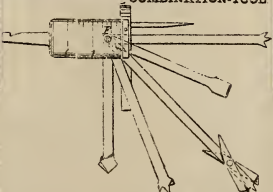
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BRICK-MACHINE.



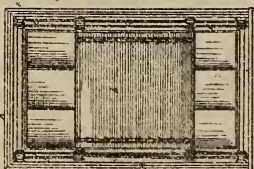
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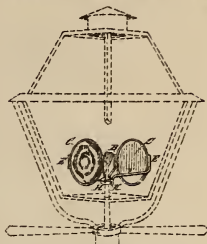
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COMBINATION-TOOL



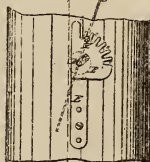
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HENRY AIKEN. WINDOW-CURTAINS



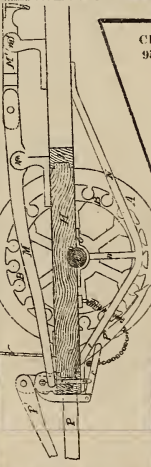
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REFLECTOR FOR STREET-LAMP.



95,967, JAS. M. BAKER.
STOVE-PIPE DAMPER.



95,968, WILLIAM BALL.
RAILWAY MOVING-MACHINE.

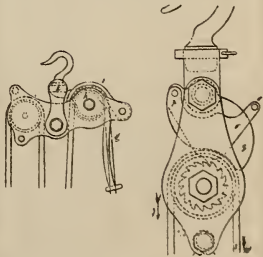


CHAS. B. BARLOW.
95,969, GAME.

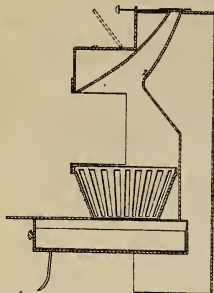


95,970, F. BAUMANN.
COMPOSITION FOR CLEANING STONE.

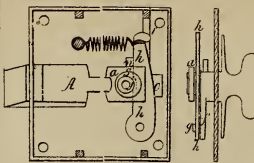
95,971, BELLAIR. SAFETY-TACKLE.



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JACOB BENNER.
FIRE-PLACE STOVES.

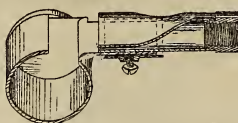
95,978. DOOR-LATCH E. W. BRETTELL.



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F. T. BROWN.
SHUTTER-FASTENER.95,980. REUBEN F. BROWN.
COMPOSITION FOR BEVERAGE.

95,981,

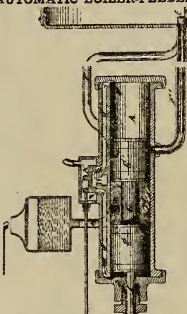
THOMAS BROWN.
STEAM AND AIR-WHISTLE.

95,982, J. S. BURCH.

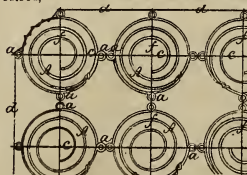
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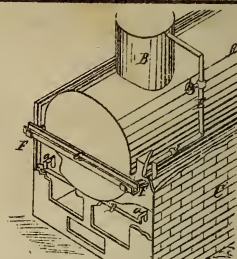
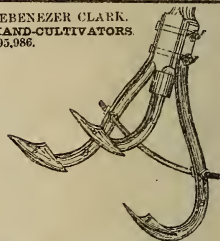
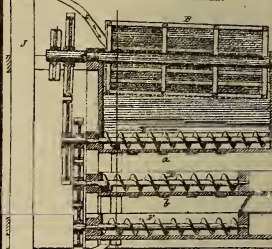
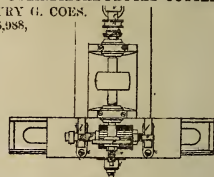
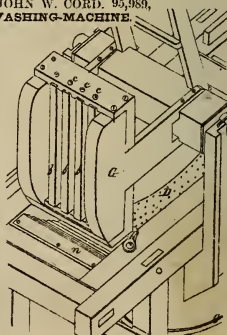
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J. E. BURDGE.
AUTOMATIC BOILER-FEEDERS.

95,984,

EDWIN L. BUSHNELL.
SPRING-MATRESS.

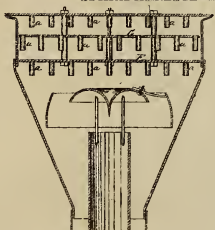
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EBEN SIMPSON CHASE.
DEVICE FOR BURNING SAWDUST IN
STEAM-GENERATOR FURNACES.EBENEZER CLARK.
HAND-CULTIVATORS
95,986.95,987, MANUFACTURING FLOUR.
D. E. CLEM.MACHINES FOR GRINDING
CYLINDRICAL-FLUTED CUTTERS.
ACRY G. COES.
95,988,JOHN W. CORD. 95,989,
WASHING-MACHINE

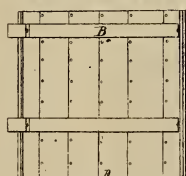
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RUSSELL O. BENTON.
APPARATUS FOR APPLYING
ROOFING-COMPOSITION TO FELT.

95,975,

JOHN WILLIAM BOWKER.
SPARK-ARRESTERS.

95,976,

THOS. BRACHER.
SECTIONAL COFFER-DAMS.

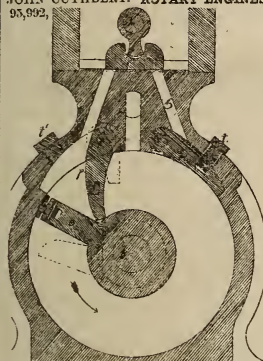
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JOEL BRENTON.
PAINT AND PIGMENT.

95,990.

JOE R. CROWLEY.
METALLIC ROOFING.

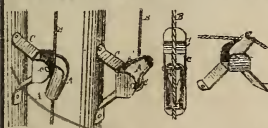
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J. M. CRULL.
LOCOMOTIVE SIGNAL-LIGHTS.JOHN CUTHBERT. ROTARY ENGINES.
95,992.

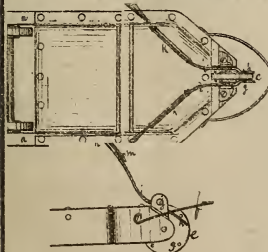
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ALFRED S. DICKINSON.
CURTAIN-FIXTURE.

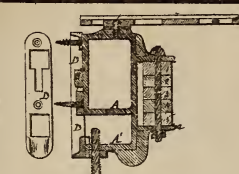
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ALFRED S. DICKINSON.
CURTAIN-FIXTURE DEVICE FOR
STOPPING THE MOTION OF CORDS.

95,995.

WM. EWING.
MACHINE FOR DESTROYING
WORMS FROM COTTON-PLANTS.

95,996.

HENRY L. FRANKLIN.
EUGENE CLARK.
SAD-IRON HOLDER AND
CLOTHES-DRYER.

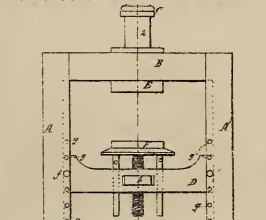
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WILLIAM J. FUNK.
GANG-FLOW.

95,998.

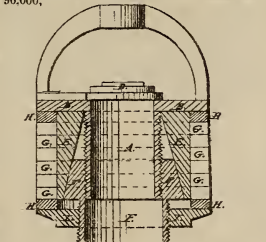
WM. GOLCHER.
BREECH-LOADING FIRE-ARMS.

95,999.

V. M. GRISWOLD.
PHOTOGRAPHERS' PLATE-VISE.

96,000.

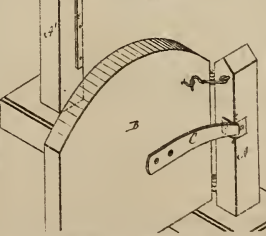
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96,001.

DAVID HARGER.
FURNACES FOR STEAM
AND OTHER DEVICES.

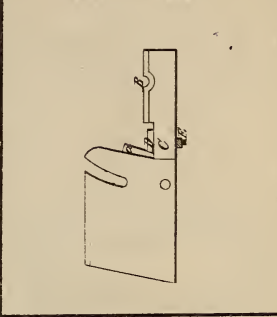
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JESSE HARPSTER.
GATES.

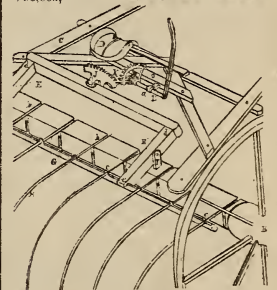
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THOMAS HARRISON.
WILLIAM HOLLMAN.
WM. CHART.

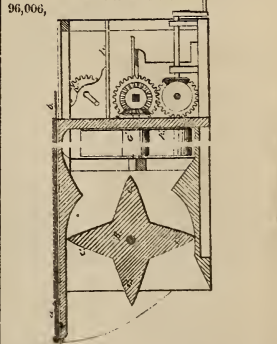
CHALK FOR USE AT BILLIARD-TABLES.

96,004, FRANKLIN B. HUNT.
STRAW-CUTTERS.

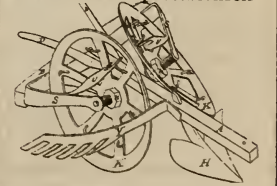
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J. G. HUNTINGTON.
HORSE HAY-RAKES.

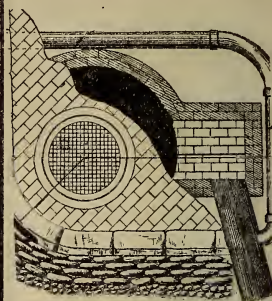
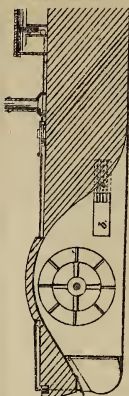
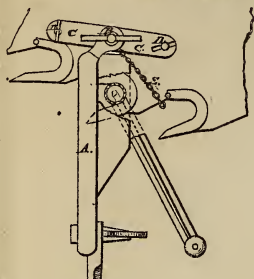
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A. H. JACKSON.
SNOW-PLOW.

96,007.

MOSES JOHNSON.
POTATO-DIGGER AND CULTIVATOR.

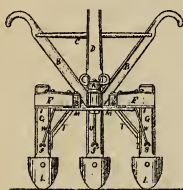
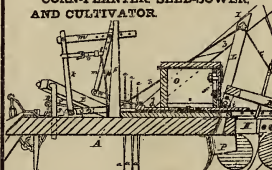
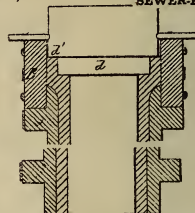
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NELSON JOHNSON.
SAW-GUMMER.96,020, J. C. LYONS.
HOLLOW-RUBBER GOODS.

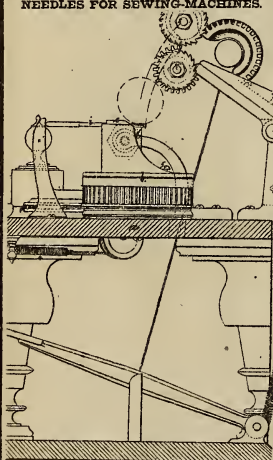
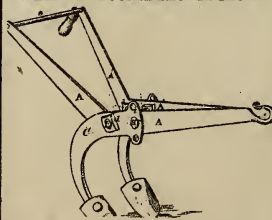
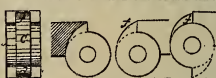
96,009,

NELSON JOHNSON.
SAW-SWAGE.96,014, FREDERICK HARTT KNEVITT.
HENRY HERBERT HAZARD.
WINDOW-SHUTTER AND BLIND.

96,010,

E. A. KAMERER.
SHOVEL-FLOW.96,015, DANIEL P. LEACH.
CORN-PLANTER, SEED-SOWER,
AND CULTIVATOR.96,021, JOHN LYTCH.
SEWER-PIPE.

96,011,

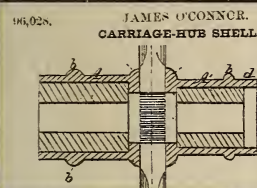
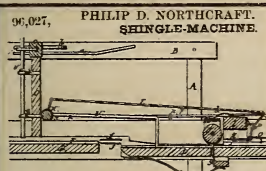
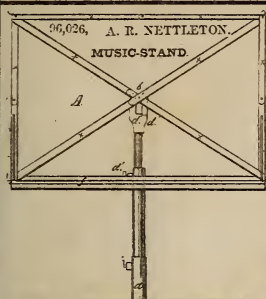
GEORGE KARMANN.
MACHINE FOR MAKING
NEEDLES FOR SEWING-MACHINES.96,016, JOSIAH LETCHWORTH.
BREAST-STRAP ATTACHMENT
FOR HARNESS.96,022, THOS. J. MCGEARY.
PLASTERER'S HAWK.96,017, HENRY LOMAX.
FEEDING-MECHANISM
FOR SEWING-MACHINES.96,023, JOHN R. MOFFITT.
HEEL-STIFFENER.96,018, W. W. LOVE.
METALLIC DOUBLE-SHOVEL FLOW.96,024, F. B. MORSE.
STUMP-JOINTS FOR CARRIAGES.

96,012,

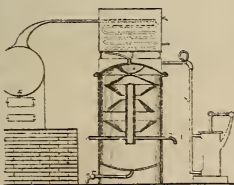
WILLIAM M. KIMBER.
VARNISH FOR PLASTERED WALLS
AND FOR COATING OTHER SURFACES.

96,013,

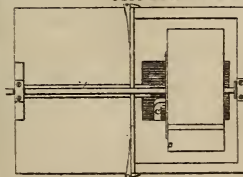
STEPHEN R. KIRBY.
CANAL-TUGS.96,019, JAMES J. LYON.
CATCH-BASIN FOR SEWERS.96,025, F. B. MORSE.
STUMP-JOINTS FOR CARRIAGES.



96,029, JOHN S. OLIVER.
EDWARD HARRIS.
DISTILLING WHISKEY
AND OTHER SPIRITS.



96,030, CHARLES T. PALMER.
COFFEE-ROASTER.

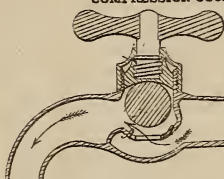


96,031, JOHN K. PALMER.
WATER-PROOF COATING OR PAINT
FOR WOOD AND OTHER MATERIALS.

96,032, WM. P. PATTON.
SPOOL-RACK



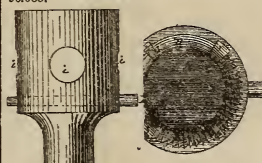
96,033, CHARLES PERKES.
COMPRESSION-COCKS.



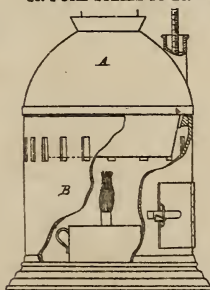
96,034, T. C. PHINNEY.
C. E. BANCROFT.
SPOUTED CANS.



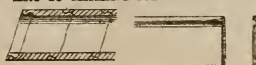
A. J. PRESCOTT.
96,035, REAMER.



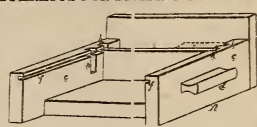
96,036, L. QUETSCH.
ADMINISTERING MEDICATED
OR PURE STEAM TO BRUTES.



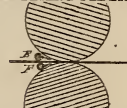
96,037, JOHN B. ROOT.
ART OF MAKING METALLIC TUBES.



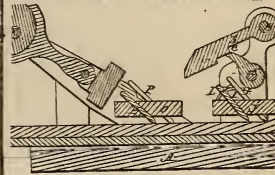
96,038, FRED. SCHAEFFER.
APPARATUS FOR DIVIDING POWDERS.



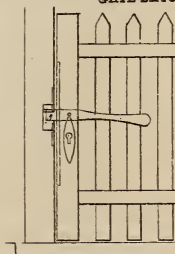
96,039, EDMUND A. SEELEY.
ATTACHMENT TO ROLLS FOR
CALENDERING PAPER-BOARDS.



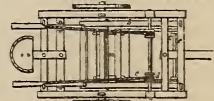
96,040, THOMAS SHARP.
CUTTING AND DRESSING STONE.



96,041, DANIEL SHEETS.
GATE-LATCHES.



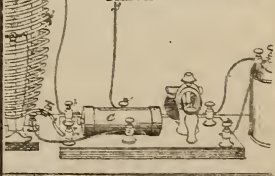
96,042, JOHN B. SHERLOCK.
CORN-STALK CUTTER.



ALFRED E. SMITH. CARRIAGE-AXLES.
96,043,



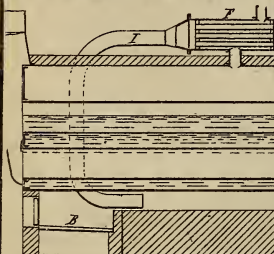
96,044, ELLAS SMITH.
GALVANIC APPARATUS.



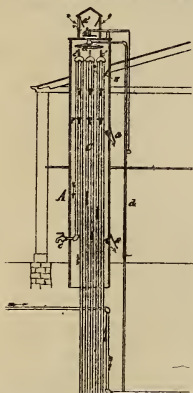
96,045. H. JULIUS SMITH.
MODE FOR ATTACHING
DIAMONDS FOR STONE-DRILLING.



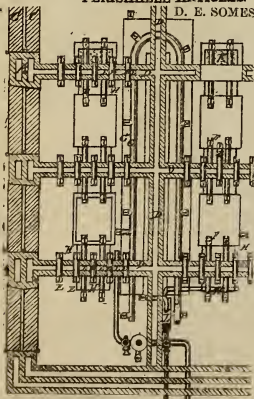
WRIGHT SMITH.
96,046. SUPERHEATING-DEVICE FOR
STEAM AND OTHER GENERATORS.



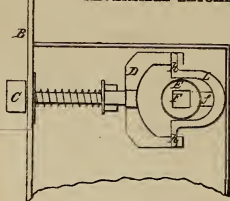
96,047. D. E. SOMES.
VENTILATING AND COOLING.



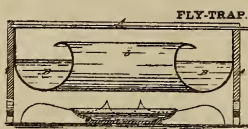
PROCESS AND APPARATUS FOR
COOLING AND PRESERVING
PERISHABLE ARTICLES.
96,048. D. E. SOMES.



96,049. WILLIAM E. SPARKS.
REVERSIBLE LATCHES.



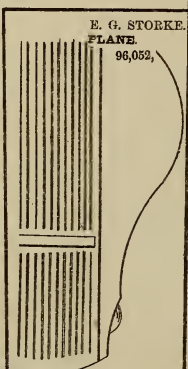
96,050. AUGUST STAUDINGER.



96,051.
STEPHEN E. STINARD.
RAILWAY-CAR BRAKE



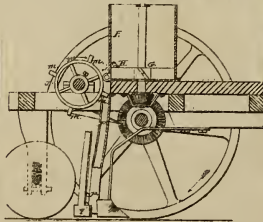
E. G. STORKE.
FLANE.
96,052.



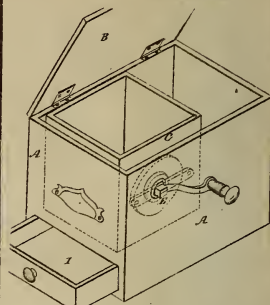
96,053. MICHAEL SWEENEY.
LANTERN-GLOBE.



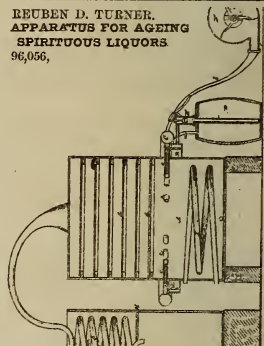
S. W. THOMPSON.
96,054. COTTON-SEED SEPARATOR
AND PLANTER.



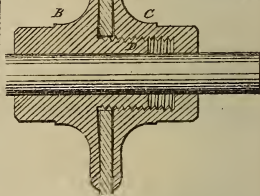
96,055. CHARLES J. N. TRIPP.
FLOUR-SIFTER



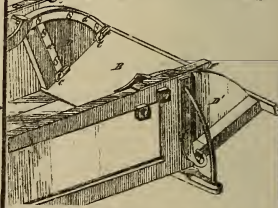
REUBEN D. TURNER.
APPARATUS FOR AGEING
SPIRITUOUS LIQUORS
96,056.



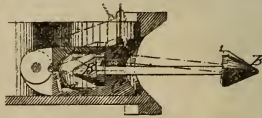
96,057. FLAVIUS J. UNDERWOOD.
ROTARY COULTERS.



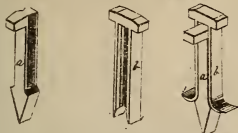
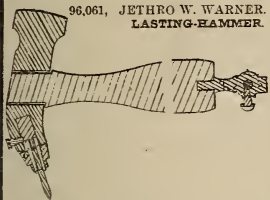
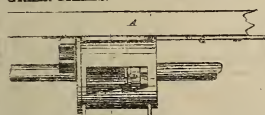
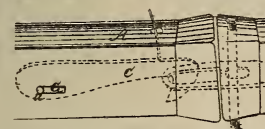
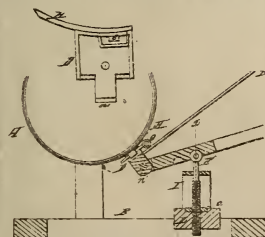
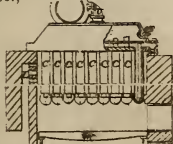
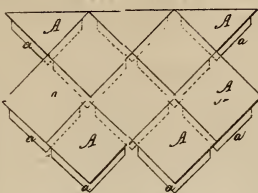
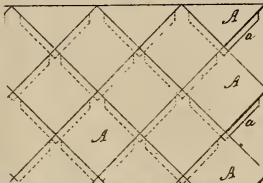
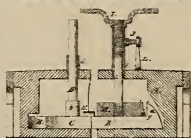
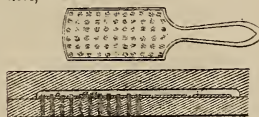
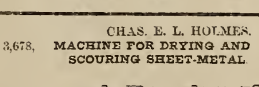
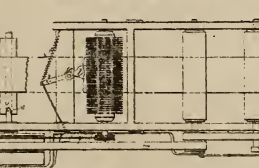
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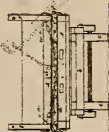
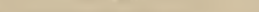
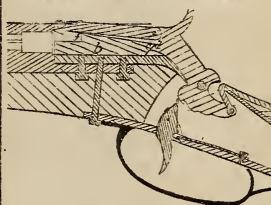
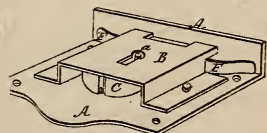
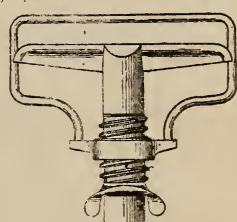
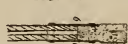
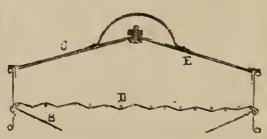


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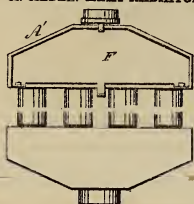
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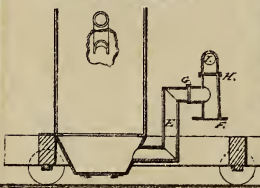
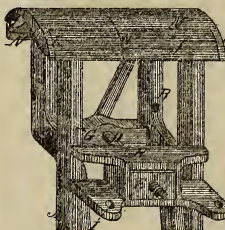
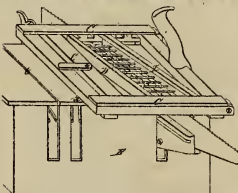
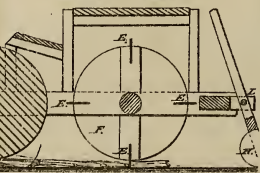
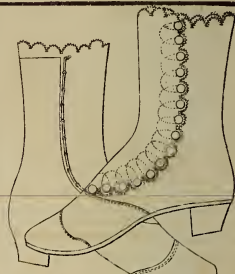
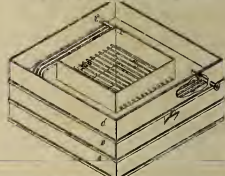
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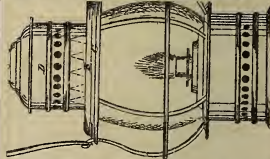
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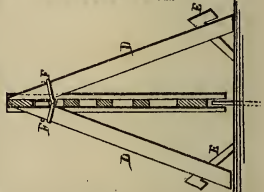
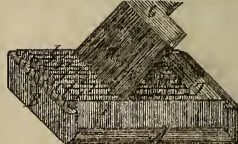
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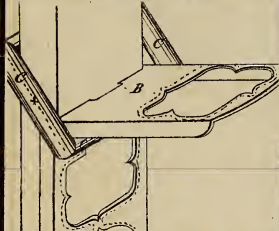
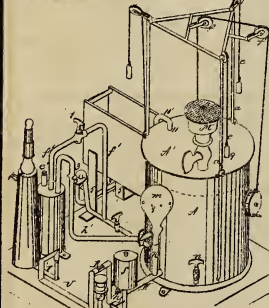
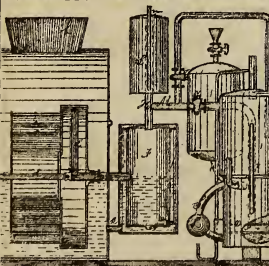
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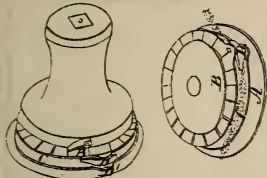
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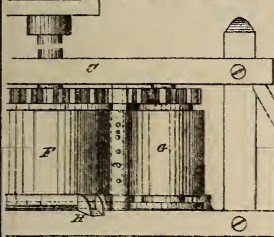
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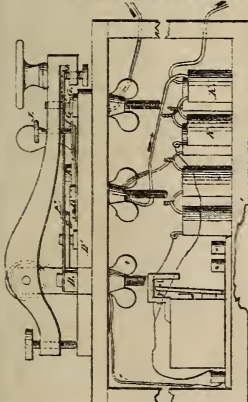


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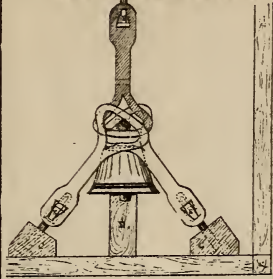
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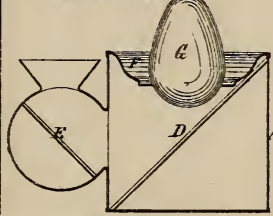
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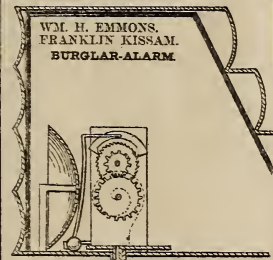


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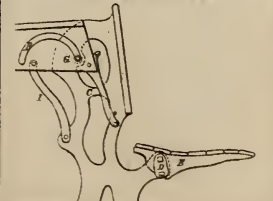
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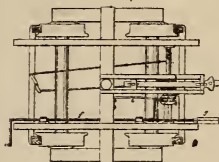


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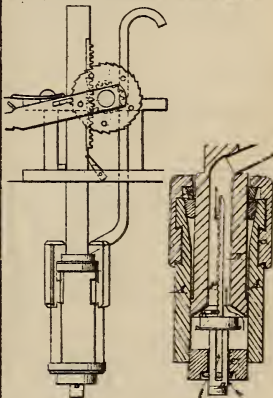


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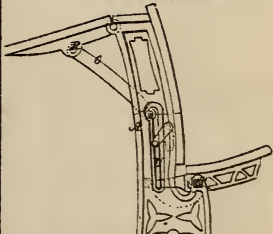
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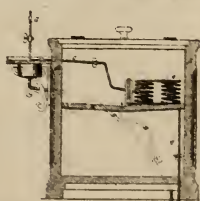
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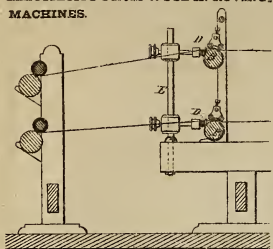
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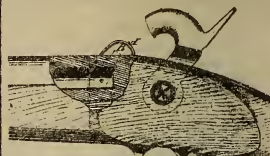
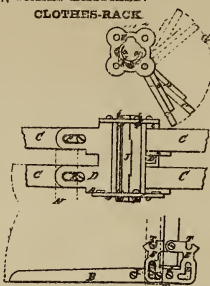
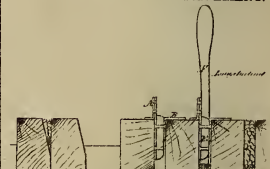


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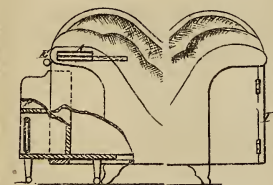
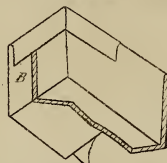
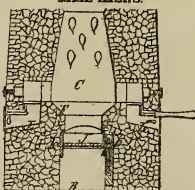
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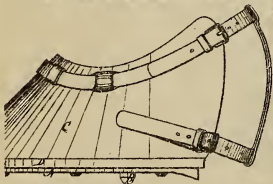
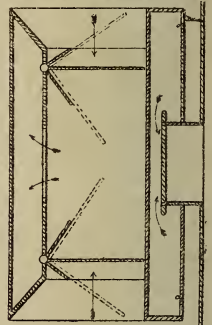
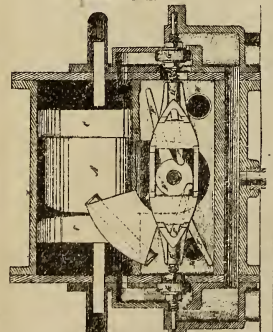
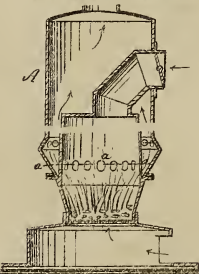
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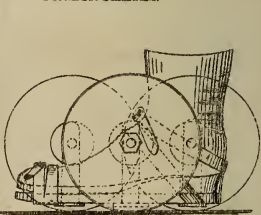
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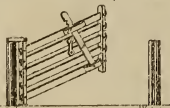
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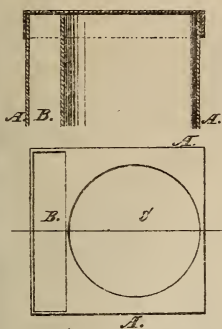
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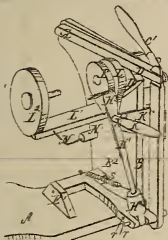
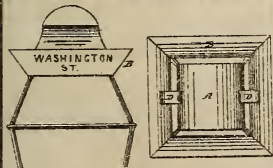
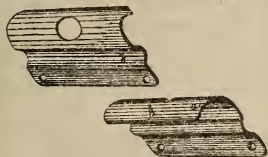
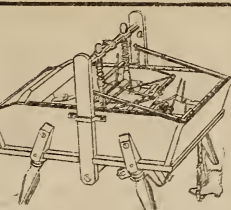
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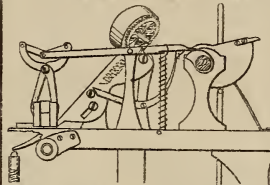
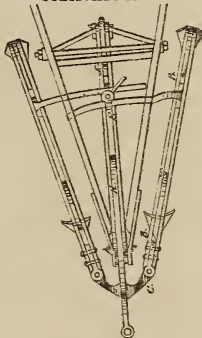
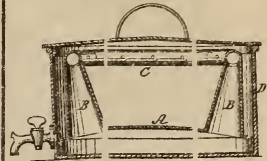
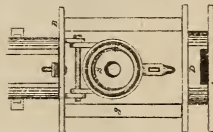
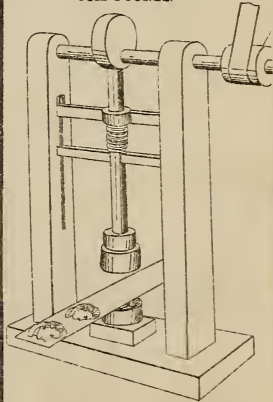
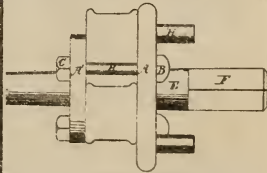
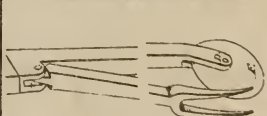
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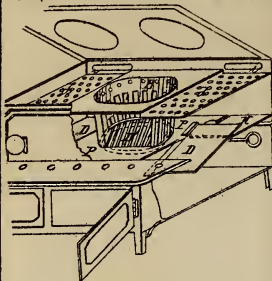
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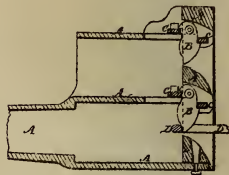
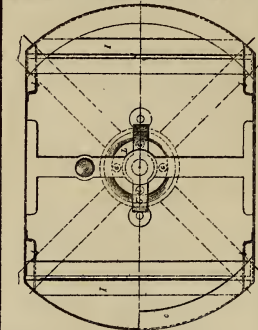
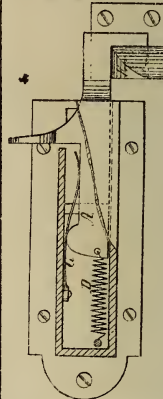
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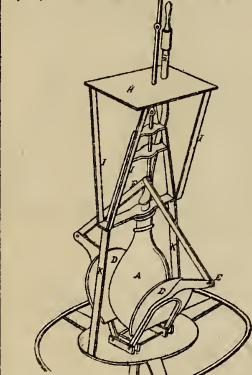
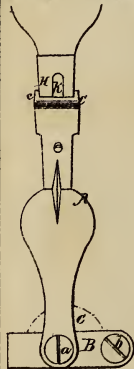
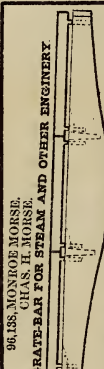
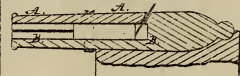
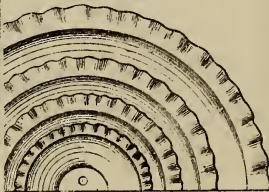


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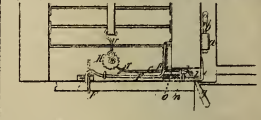
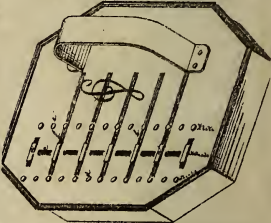
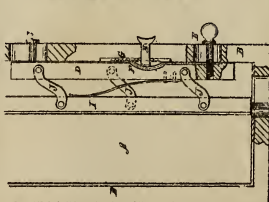
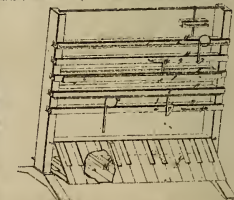
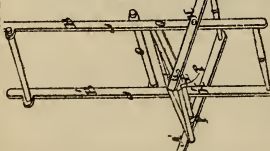
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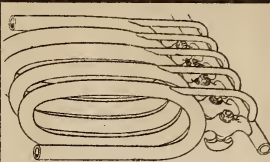
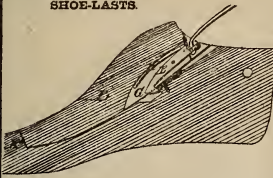
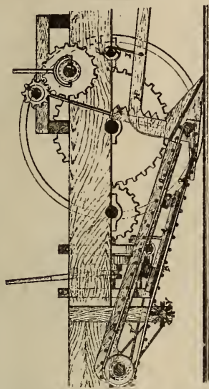
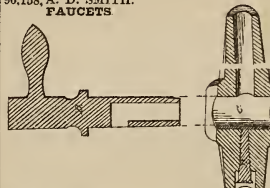
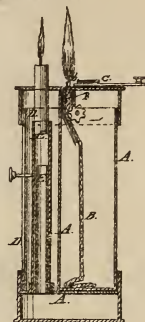
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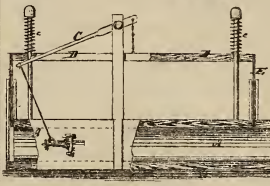
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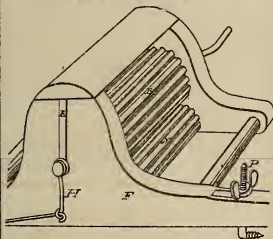
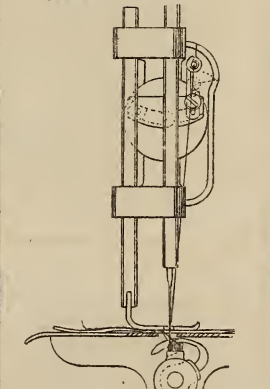
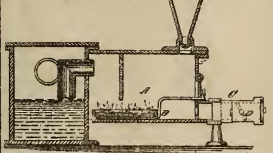
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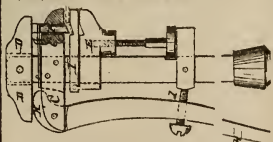
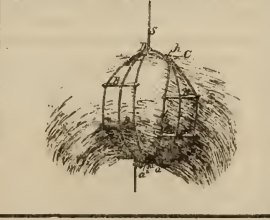
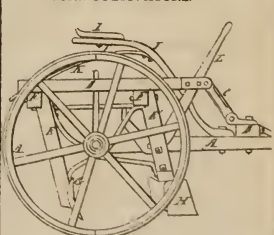
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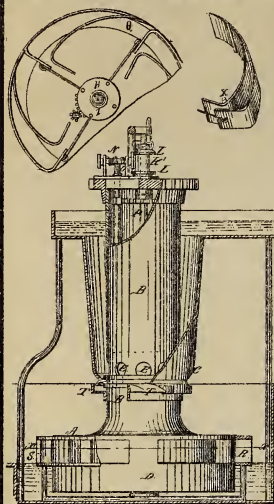
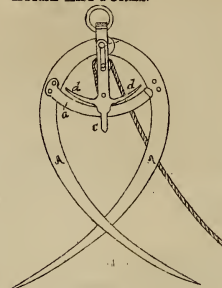
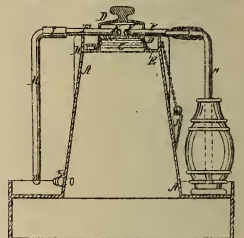
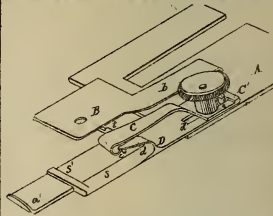
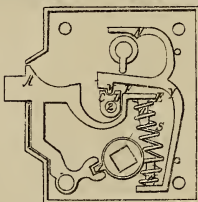
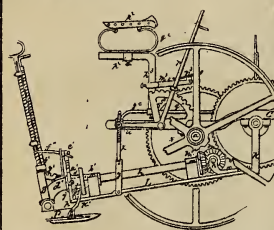
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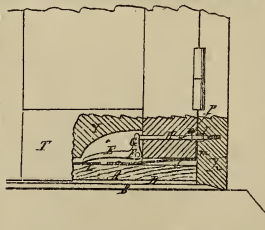
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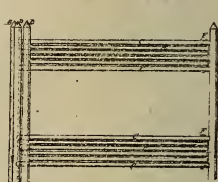
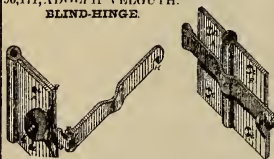
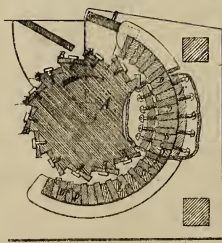
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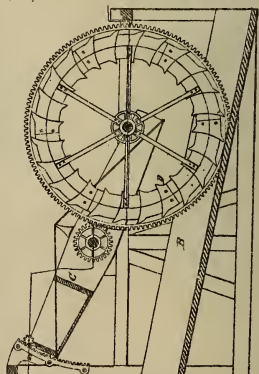
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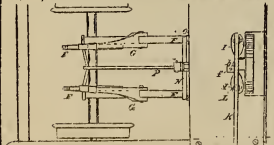
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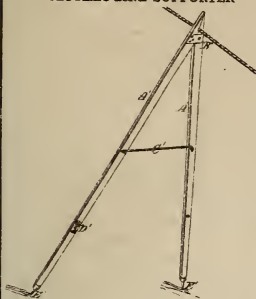
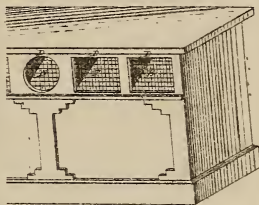
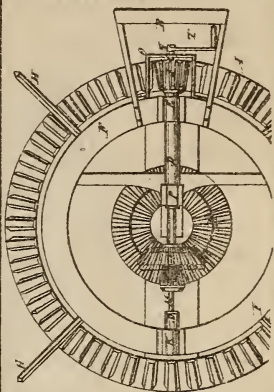


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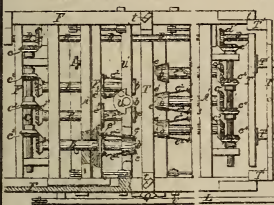
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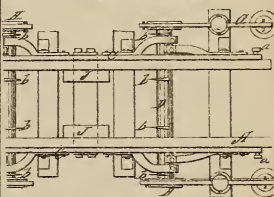
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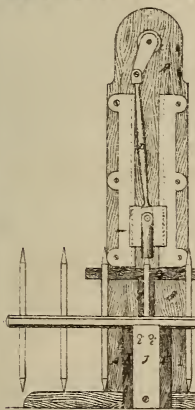
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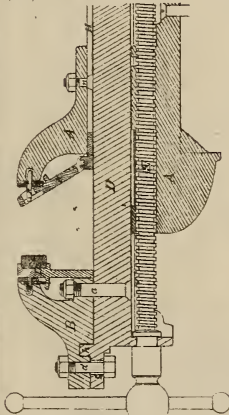
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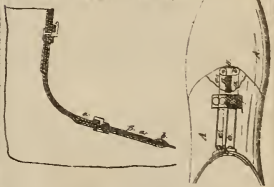
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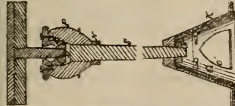
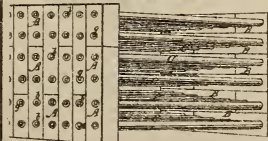
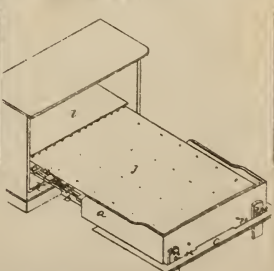
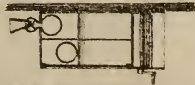


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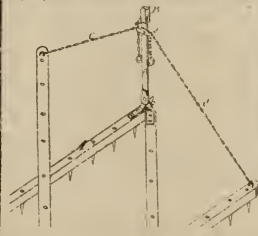
BOOTS AND SHOES



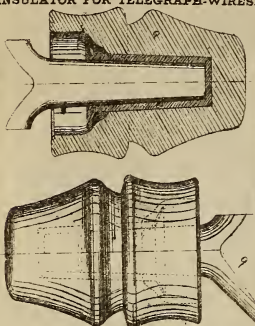
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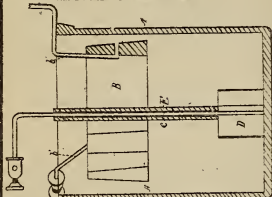
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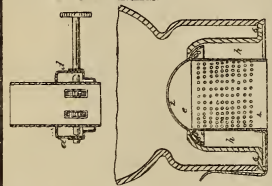
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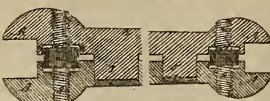
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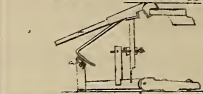
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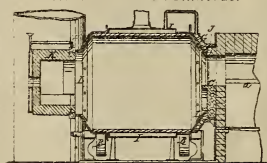
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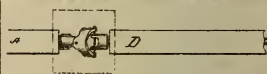
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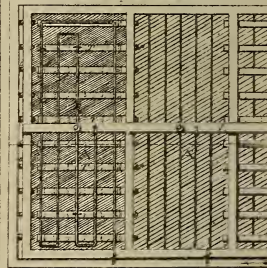
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96,210. MILTON L. DRAKE.
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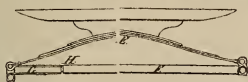
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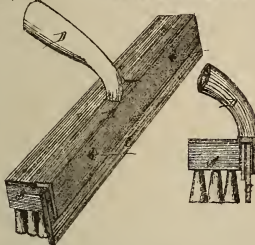
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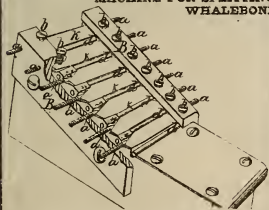
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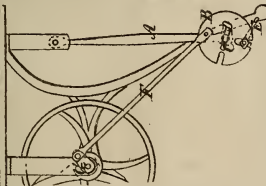
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96,220, NATHAN GODDARD.
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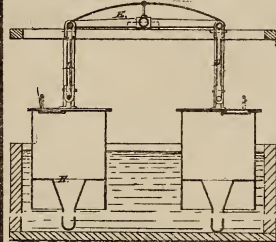
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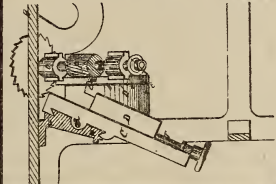
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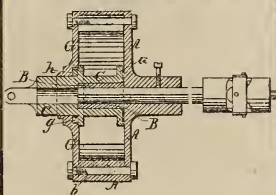
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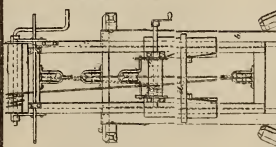
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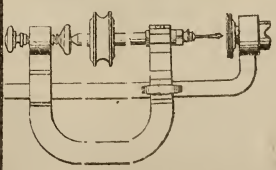
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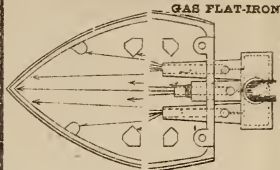
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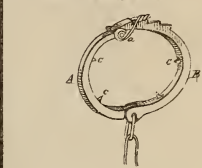
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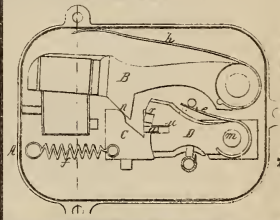
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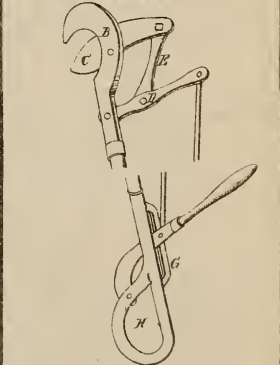


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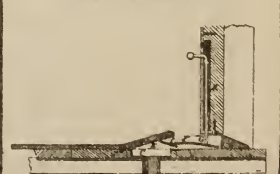


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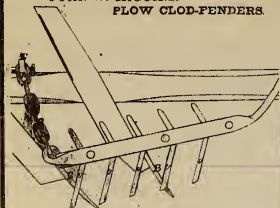
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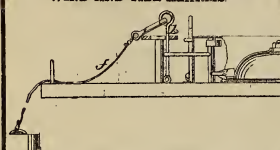
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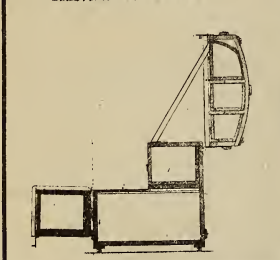
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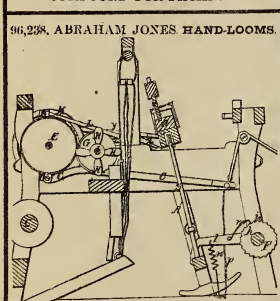
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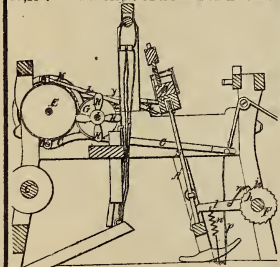
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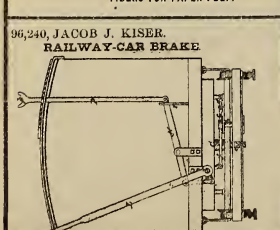
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96,238, ABRAHAM JONES HAND-LOOMS.

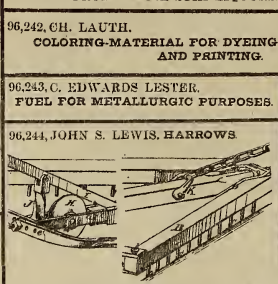


96,239, VINCENT E. KEEGAN.
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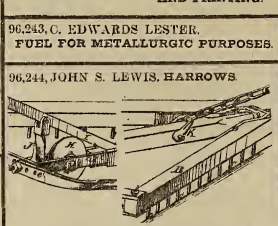


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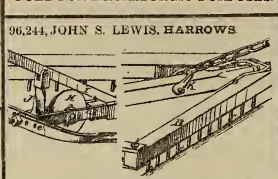
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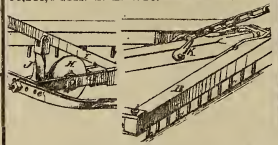
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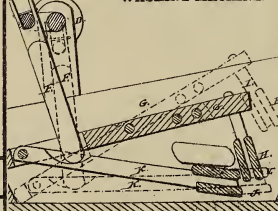
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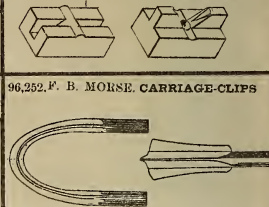
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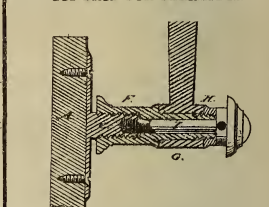
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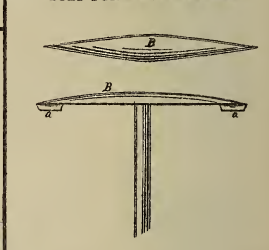
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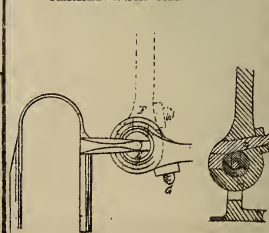
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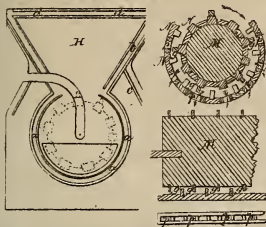
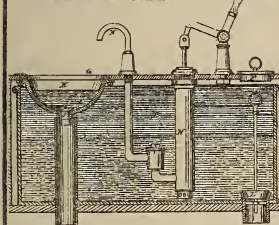
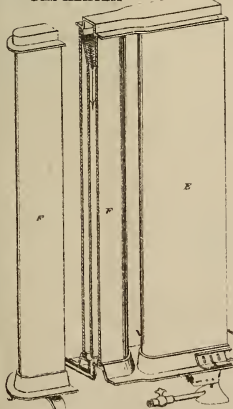
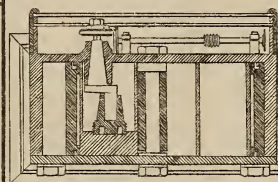
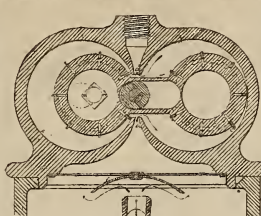
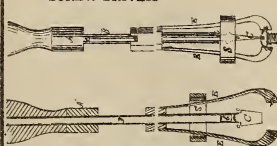
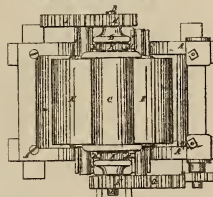
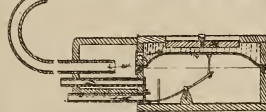
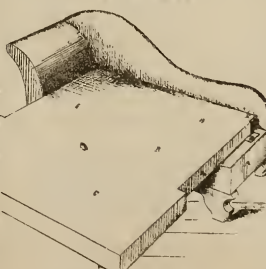
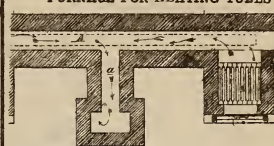
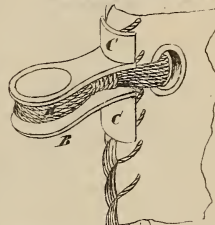
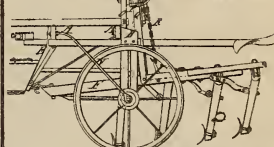
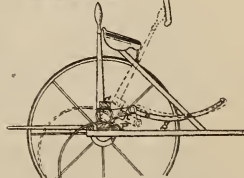
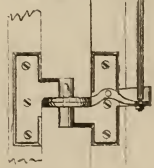


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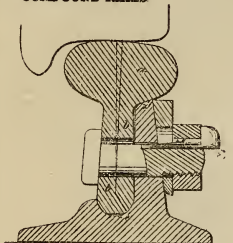
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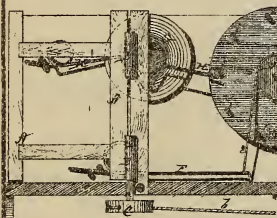
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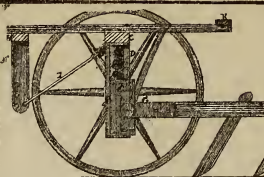
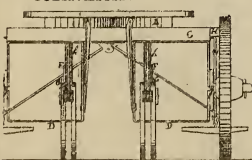
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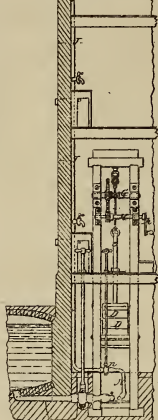
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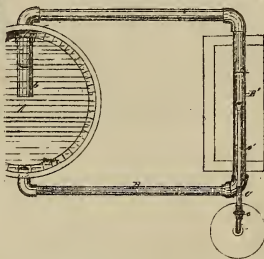
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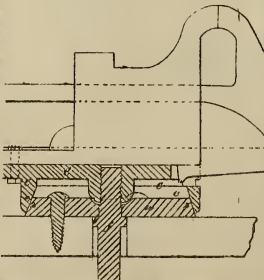
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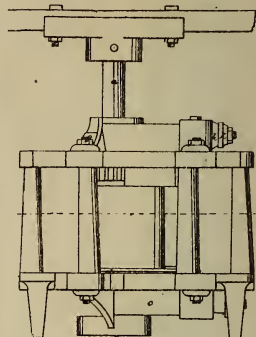
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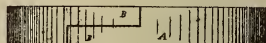
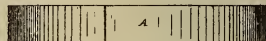
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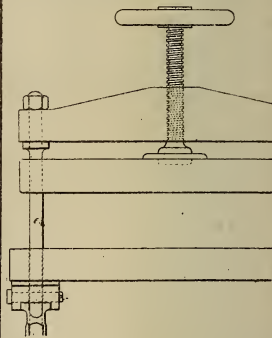
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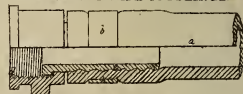
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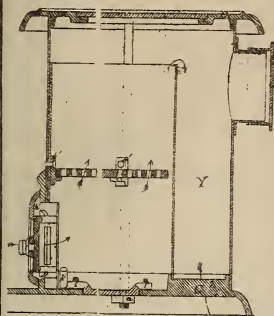
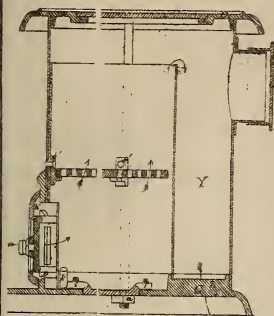
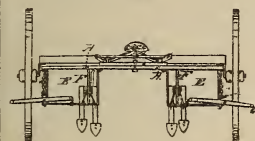


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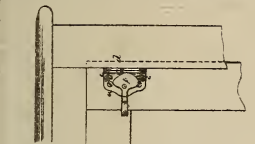
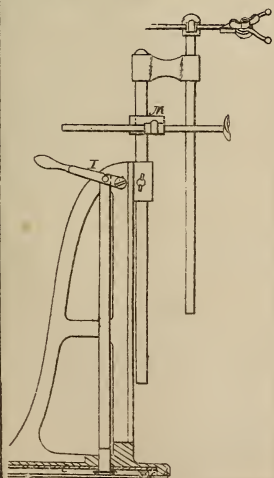
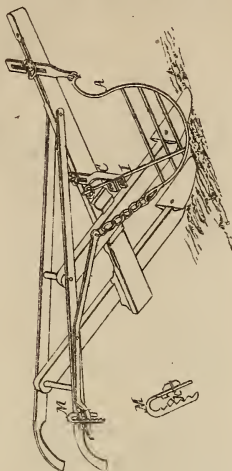
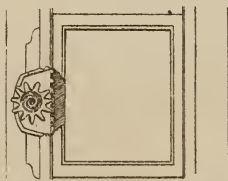
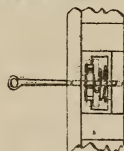
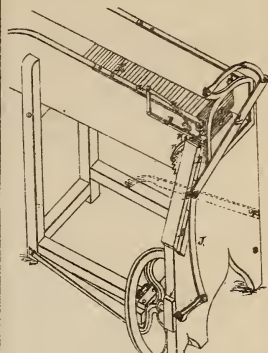
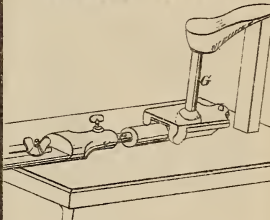
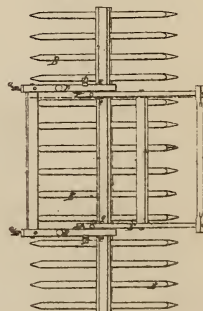
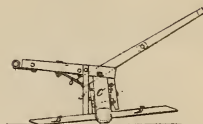


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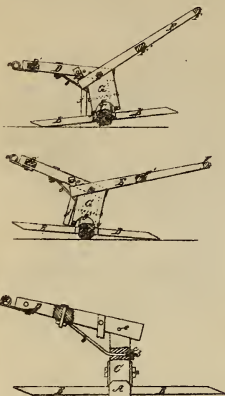


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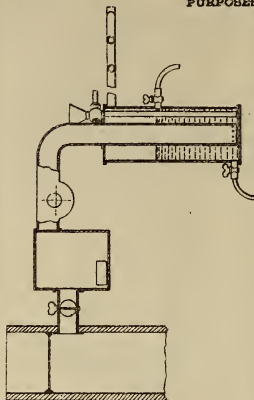
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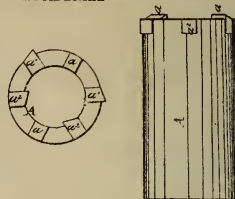
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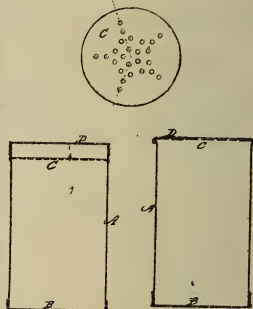
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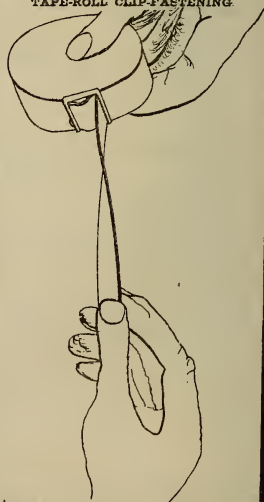
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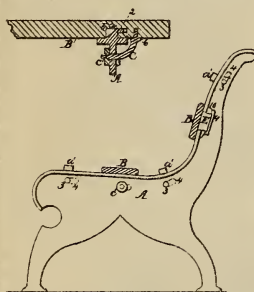
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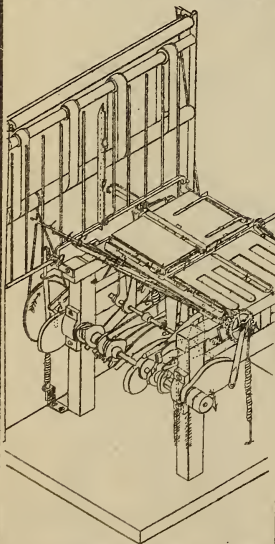
3,693, MARCUS BROWN WESTHEAD.
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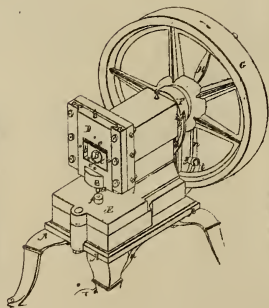
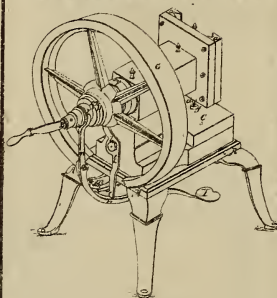
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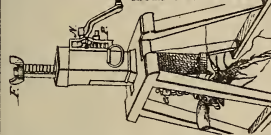
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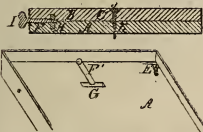


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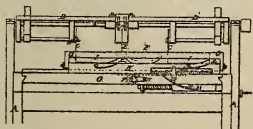
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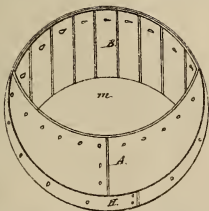
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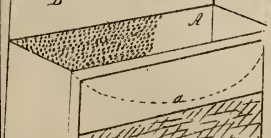
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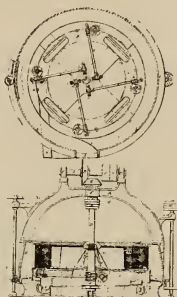
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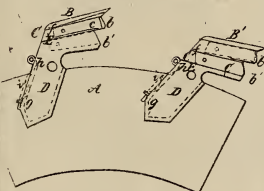
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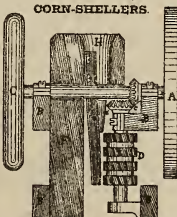
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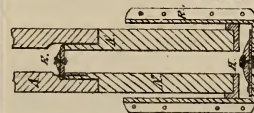
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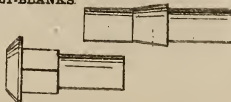
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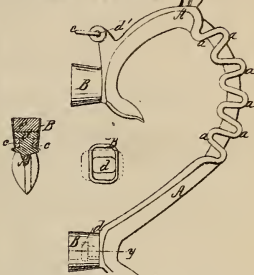
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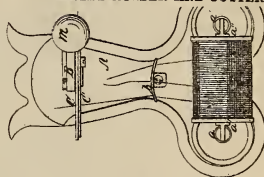
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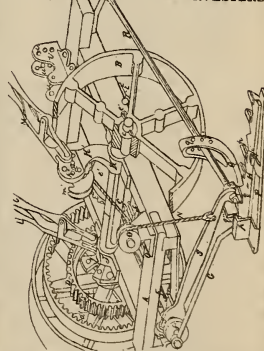
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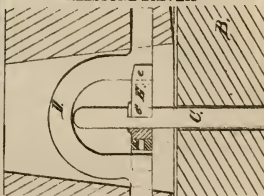
WILLIAM COGSWELL.

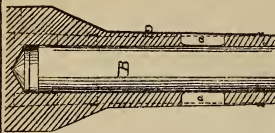
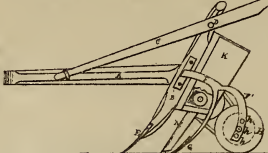
HARVESTERS.



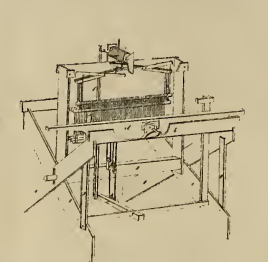
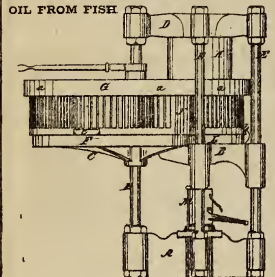
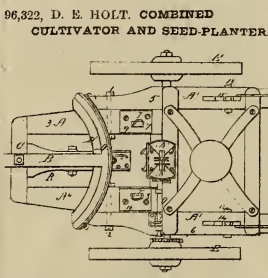
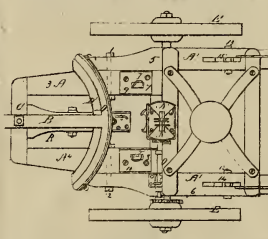
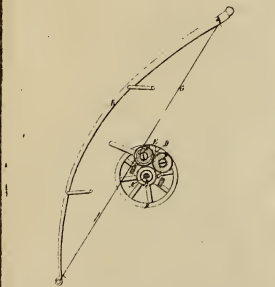
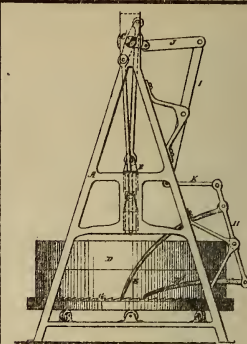
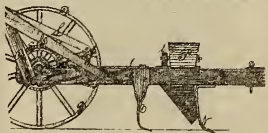
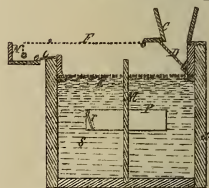
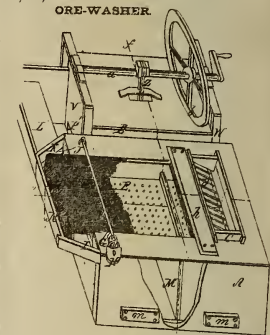
96,312, SOLOMON DARKNESS.

MILLSTONE-DRIVER

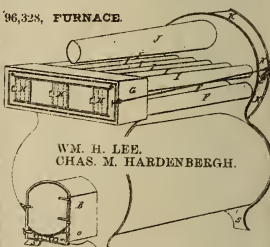
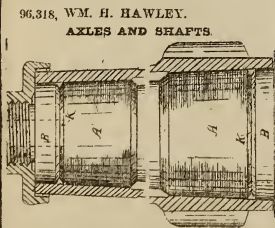


96,313, EDWIN DAYTON. APPARATUS
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CORN-PLANTER AND CULTIVATOR96,314, EDWARD FALES.
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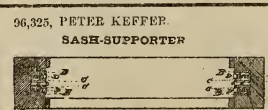
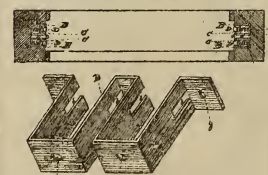
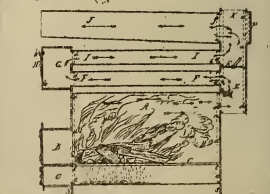
96,320, JOHN G. HENDERSON. LOOMS

96,315 WM. H. H. GLOVER.
APPARATUS FOR EXTRACTING
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CULTIVATOR AND SEED-PLANTER96,316, MARCUS A. HARDY.
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CORN AND COTTON-SEED PLANTERS.96,327, KELLEY LE BEAU.
ORE-WASHER

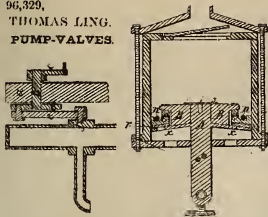
96,328, FURNACE.

WM. H. LEE.
CHAS. M. HARDENBERGH.96,317, JOHN T. HARRIS.
CATTLE-FOOD.

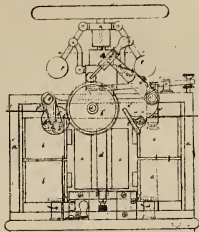
96,324, S. E. JOHNSON. TROCHE.

96,325, PETER KEFFER.
SASH-SUPPORTER96,326, ANTON KIRN.
MEAT-CUTTING MACHINE.

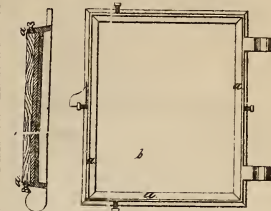
96,329,
THOMAS LING.
PUMP-VALVES.



96,333, GEORGE LITTLE.
AUTOMATIC TELEGRAPH-APPARATUS.

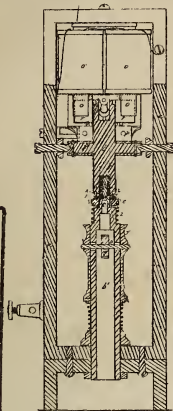


96,338, GEO. R. MOORE. OVENS.

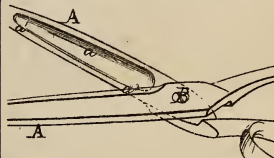


96,330,

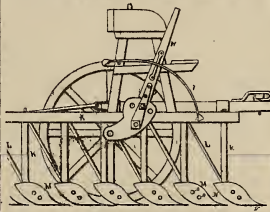
GEORGE LITTLE.
PERFORATING PAPER
FOR TELEGRAPHING.



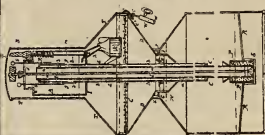
96,339, BYRON W. NICHOLS. SHEARS.



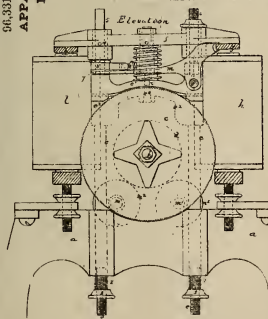
96,334, HENRY P. McCLEAVE.
GANG-FLOW CULTIVATOR



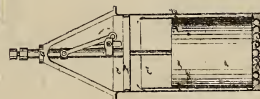
96,340, PERSON NOYES.
APPARATUS FOR MEASURING LIQUID



96,331, GEORGE LITTLE.
APPARATUS FOR PERFORATING
PAPER FOR TELEGRAPHING.



96,335, THOMAS McDONOUGH
HOT-AIR ENGINES

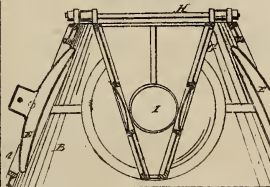


96,341 CANCELED.

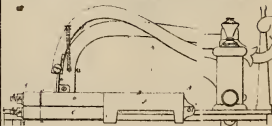
96,342, JAMES OLD.
GRATE.



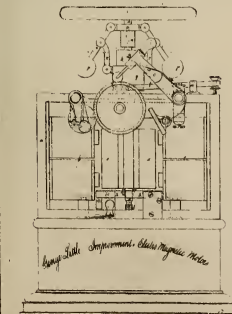
96,336, SAMUEL MEADOWS.
REFLECTORS



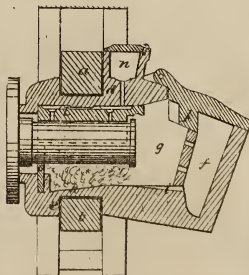
96,343, CHARLES PAGE. CREASING
ATTACHMENT FOR SEWING-MACHINES



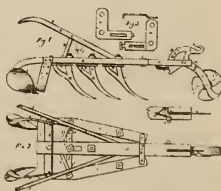
96,332, GEORGE LITTLE.
ELECTRO-MAGNETIC MOTORS



96,337, DAVID METZ.
AXLE-BOX

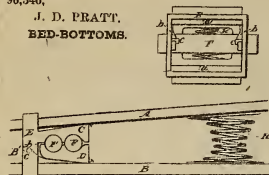


96,344, F. L. PERRY. CULTIVATOR

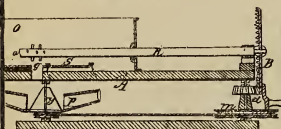


96,345, JOHN PICKLES.
SOLID OR DRY EXTRACT
OF BARK FOR TANNING.

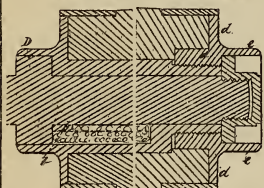
96,346,
J. D. PRATT.
BED-BOTTOMS.



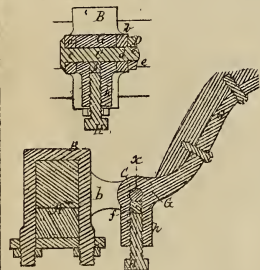
96,347, THOS. J. PRICE.
SEED-SOWER



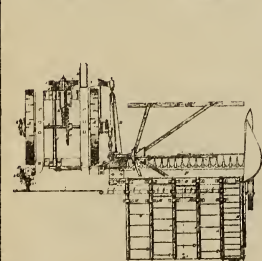
96,348, SILAS S. PUTNAM.
SELF-LUBRICATING AXLE-BOX



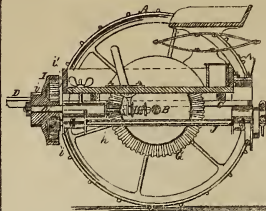
96,349, SILAS S. PUTNAM.
THILL-COUPLING.



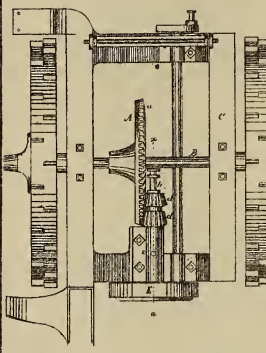
96,350, AMOS RANK. HARVESTER



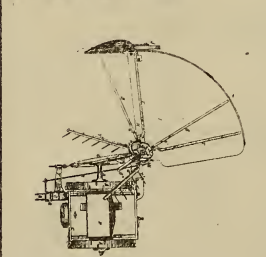
96,351, AMOS RANK.
HARVESTER



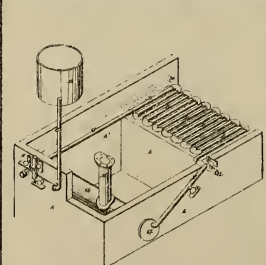
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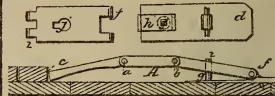
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HARVESTER-RAKE



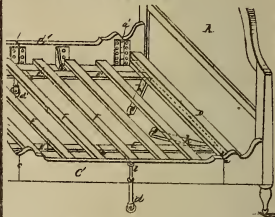
96,354, JAMES BRADEN. CIRCULATING
GRATES FOR STEAM-GENERATORS



96,355, CHARLES M. SHAW.
FLOOR-SET



96,356, GERARD SICKELS
FOLDING BEDSTEAD.



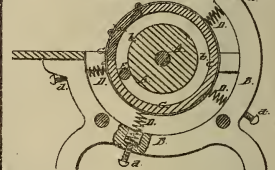
96,357, FREDERICK H. SMITH.
COLUMN OR TUBE



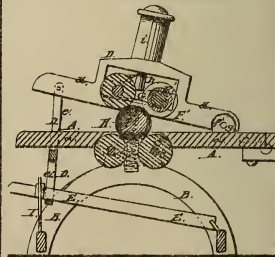
96,358, HAMILTON E. SMITH.
PERFORATED WEARING-APPAREL



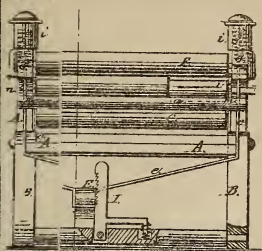
96,359, HAMILTON E. SMITH.
CLOTHES-MANGLE



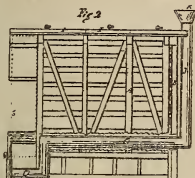
96,360, HAMILTON E. SMITH.
CLOTHES-MANGLE



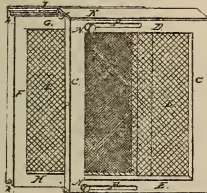
96,361, HAMILTON E. SMITH.
CLOTHES-MANGLE



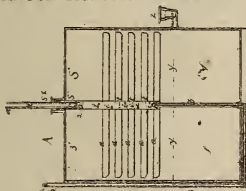
96,362, JOHN W. STREET.
RAILWAY CATTLE-CAR.



96,363, JAMES A. THORN.
WINDOW-SCREEN.



96,364, JOEL TIFFANY. APPARATUS
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AIR FOR LIGHTING AND HEATING.

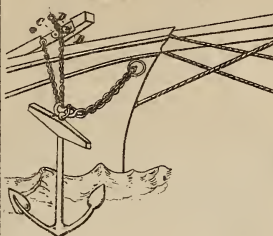
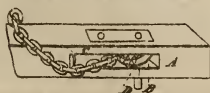


96,365, B. C. TILGHMAN. MAKING
TANNING AND DYEING-EXTRACTS

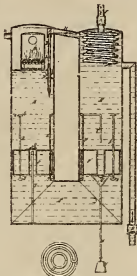
96,366, CLARK L. TYLER.
PENCIL-ATTACHMENT TO COMPASSES



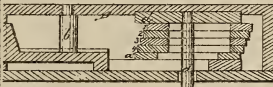
96,367, CALVIN WARDWELL.
RING-STOPPER NIPPER.



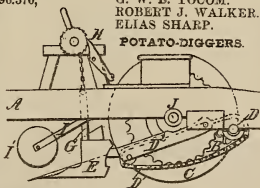
96,368, JAS. D. WARNER.
STEAM WATER-ELEVATOR



96,369, HORATIO B. WEAVER. LOCKS.

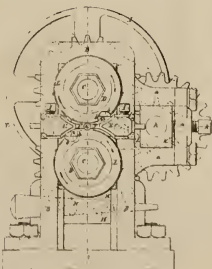


96,370, G. W. E. YOCOM.
ROBERT J. WALKER.
ELIAS SHARP.
POTATO-DIGGERS.

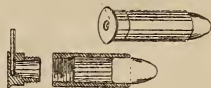


96,371, MORTIMER WILLIAMS.
COMPOUND FOR THE CURE OF CANCER

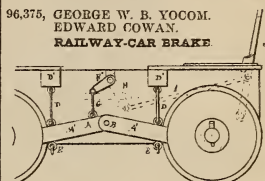
96,372, JOSEPH B. WIGGENHORN.
MACHINE FOR THREADING BOLTS.



96,373, FRIEDRICH WOHLGEMUTH.
CARTRIDGES.

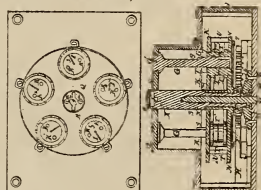


96,374, O. WUTH. MANUFACTURE
OF CARBONATE OF SODA.



96,375, GEORGE W. B. YOCOM.
EDWARD COWAN.
RAILWAY-CAR BRAKE

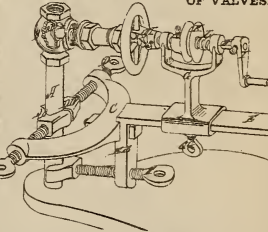
96,376, MOSES ADAMS.
COMBINATION-LOCKS.



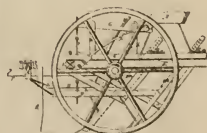
96,377, J. C. ANDERSON.
WEATHER-BOARDING.



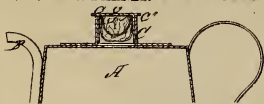
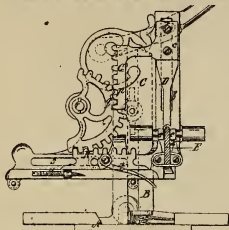
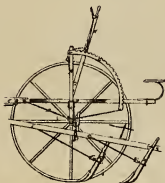
96,378, WILLIAM H. ANDERSON.
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96,379, WILLIAM T. BAKER.
CULTIVATORS.



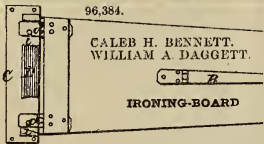
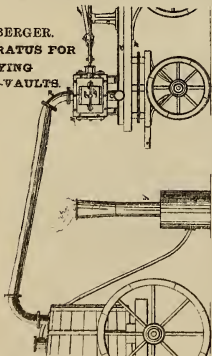
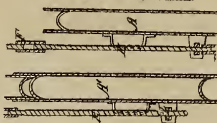
96,380. M. H. BARNES. SAFETY-CANS.

96,381. PETER BARRY.
MACHINE FOR WIRING BLIND-SLATS.96,382. E. CHARLES BEAN.
FRANCIS N. WELDEN.
CULTIVATORS.96,383. W. G. BECKWITH.
FASTENING PLOWSHARES
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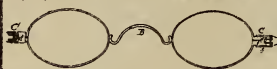
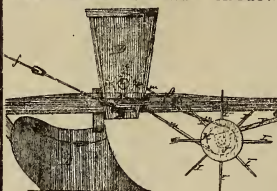
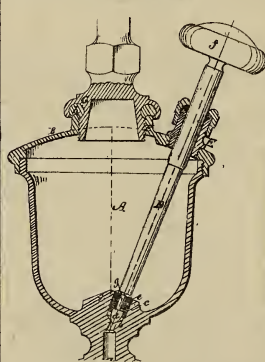
96,384.

CALEB H. BENNETT.
WILLIAM A. DAGGETT.

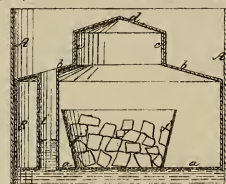
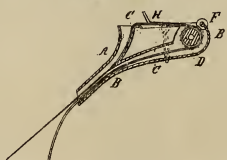
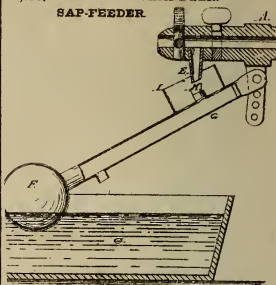
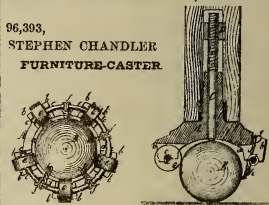
IRONING-BOARD

96,385.
J. G. BERGER.
APPARATUS FOR
EMPTYING
PRIVY-VAULTS.96,386. JOSHUA F. BISHOP.
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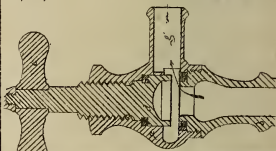
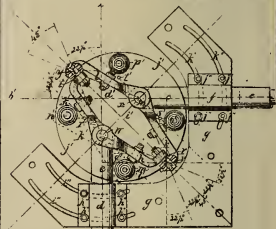
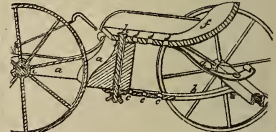
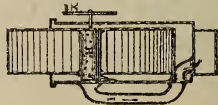
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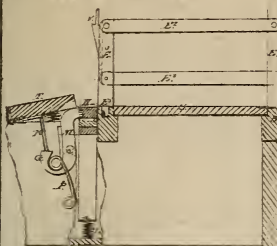
96,388. JOHN I. BOSWELL,
FERTILIZER-ATTACHMENT FOR PLOW.96,389. JOHN BROUGHTON.
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96,390. A. P. BUSSEY. MILK-COOLERS

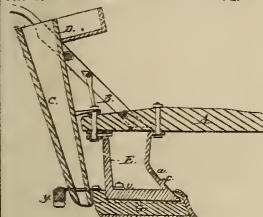
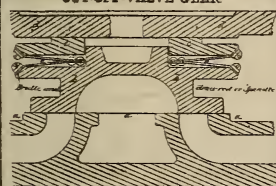
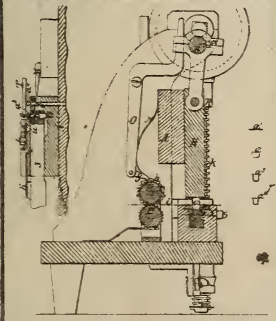
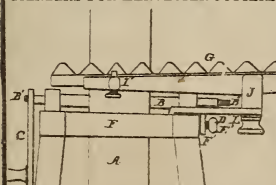
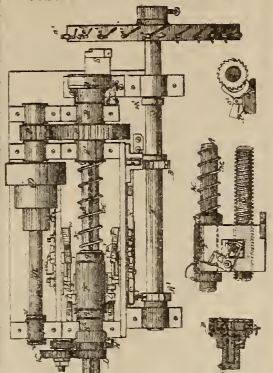
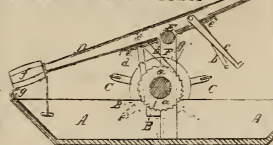
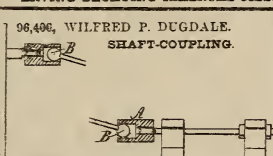
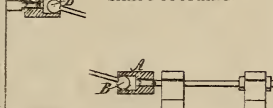
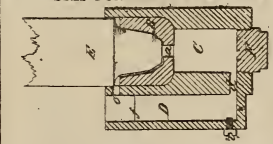
96,391. JOHN S. BUTLER.
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STEPHEN CHANDLER
FURNITURE-CASTER.

96,394. WILLIAM P. CLARK. FAUCETS.

96,395. MELVILLE CLEMENS.
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VELOCIPED COMBINED.96,397. JOHN D. CONNER.
WASHING-MACHINES.

96,398, HENRY H. COVERT
HATCHWAY-GUARD.

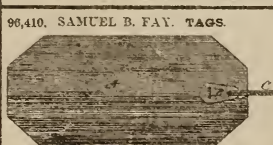
96,399, MICHAEL C. COX. FLOWS.

96,400, WILLIAM DAWES.
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SHAFT-COUPLING.96,407, BEN F. DUNKLEE.
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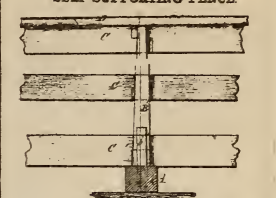
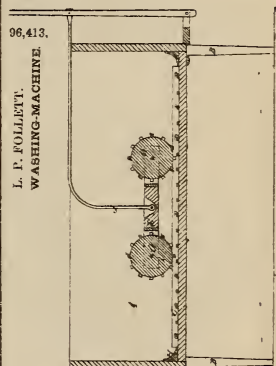
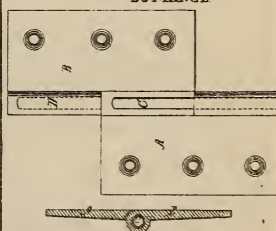
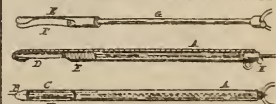
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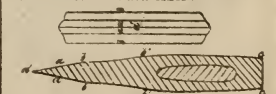
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96,409, ALONZO FARRAR. PROCESS
OF PRODUCING CARBON PIGMENTS.

96,410, SAMUEL B. FAY. TAGS.

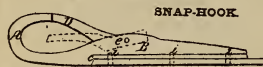
96,411, THOS. FLINN.
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L. P. FOLLEY.
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BUT-HINGE.96,415, PETER J. FRANK.
INSTRUMENTS FOR CONVEYING
MEDICINE TO DISEASED PARTS.

96,416, JOSEPH FRANKLIN. AXES.



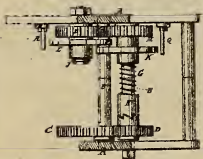
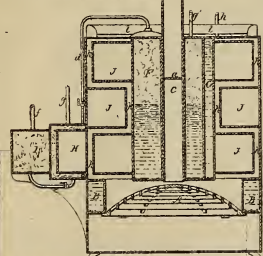
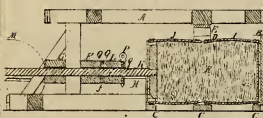
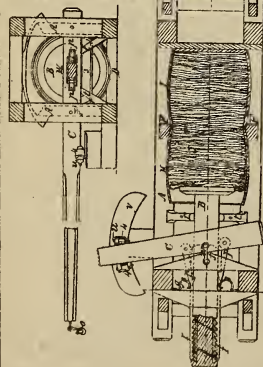
96,417, RALPH L. FRASER.

SNAP-HOOK.



96,418, RALPH L. FRASER.

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96,419, DALEMBERT T. GALE.
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COOKING-RANGE.96,421, C. T. GILMOR.
TOBACCO-PRIZES.96,422, C. T. GILMOR.
TOBACCO-PRESSES.

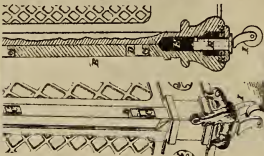
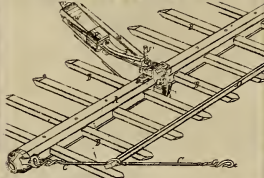
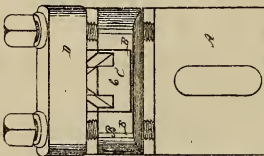
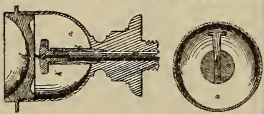
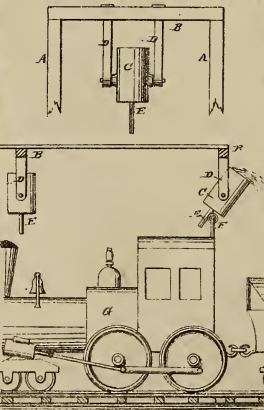
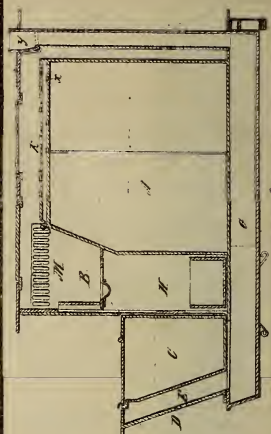
96,423, H. E. GOTLEB.

RENDERING ANIMAL FATS.

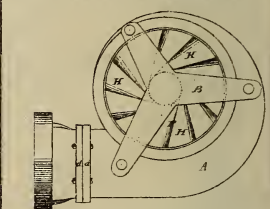
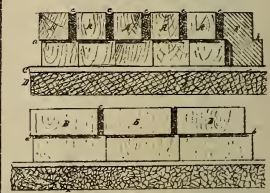
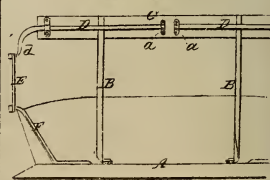
96,424, WILLIAM M. GREENWOOD.

BENOIT ROUX.

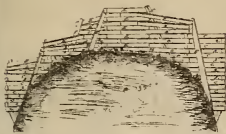
METALLIC FRAME FOR MUSIC-STAND.

96,425, PHILIP M. GUNDLACH.
HORSE HAY-RAKES.96,426, FAYETTE HARDENBERGH.
TOOL-POST.96,427, DENNIS HARRIGAN.
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96,431, SUSPENDED.

96,432, D. O. HOLMAN.
TURBINE WATER-WHEELS.96,433, LAWRENCE HOLMS.
WOODEN PAVEMENT.96,434, GILBERT L. HUDSON.
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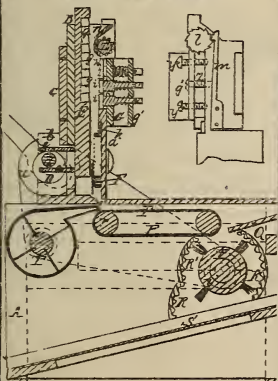
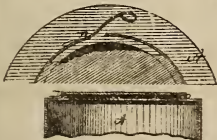
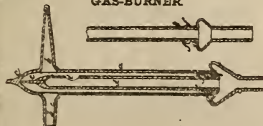
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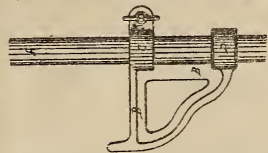
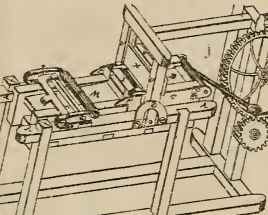
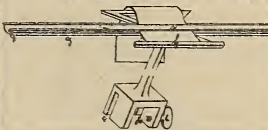
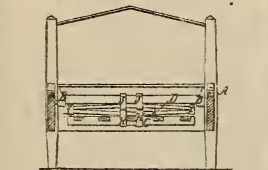
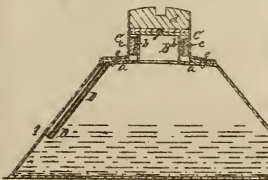
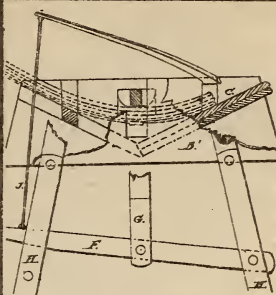
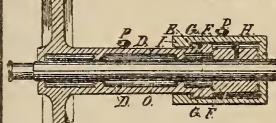
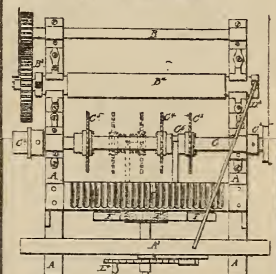
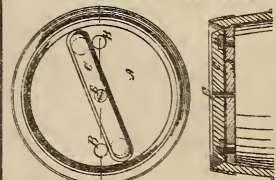
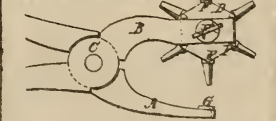
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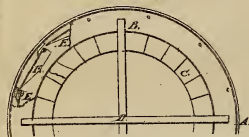
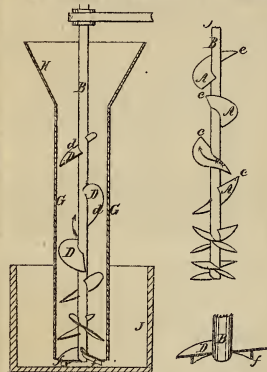


96,437, THEODORE JARVIS. SALVE.

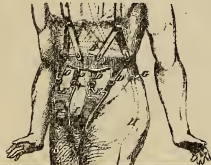
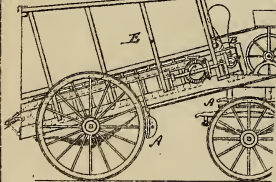
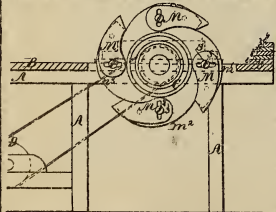
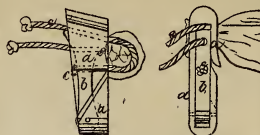
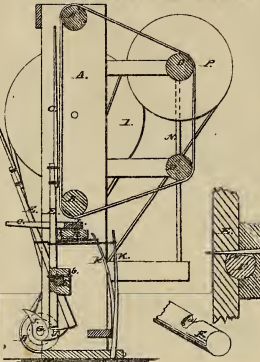
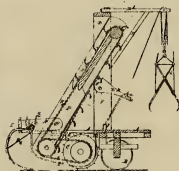
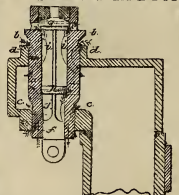
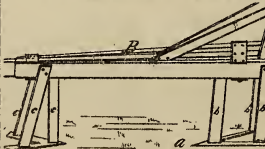
96,438, ELIJAH K. JENNER.
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BULLING-MACHINES.96,440, ROSWELL JUDSON.
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GAS-BURNER.96,442, WM. C. KELLY. CASE AND
SAMPLE-CARD FOR SPOOLED SILK.

96,443, LEWIS A. KIMBERLY. STILTS.

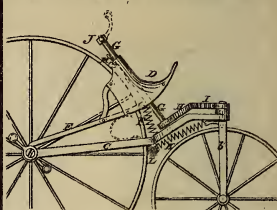
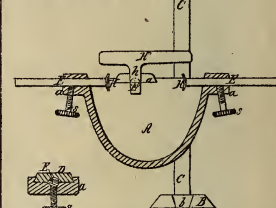
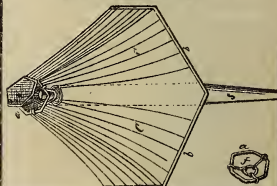
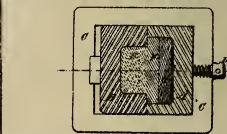
96,444, SAM'L. M. KING.
SHINGLE-MACHINE.96,445, HORACE W. KNIGHT.
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SPRING-BED BOTTOM.96,447, ALEX. N. LAPIERRE.
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ADOLPH LETELT.
SAWING-MACHINE.96,451, D. M. LOCKRIDGE.
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96,454, M. H. MATSON.
WATER-WHEELS.96,455, J. MATTISON. PACKING-
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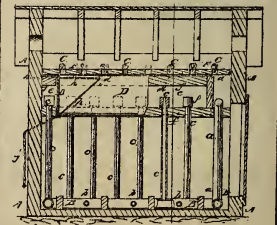
96,456, G. MAYER. TRUSS

96,457, JNO. C. MCCARTHY.
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GEORGE N. HOWBRAY.
COMPOUND FOR PRIMING
ELECTRIC FUSES.96,464, C. W. MOSELEY. IMPLEMENT
FOR DESTROYING QUACK-GRASS.

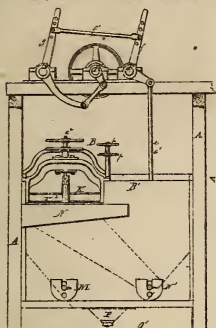
96,466, B. H. MUEHLE. VELOCIPEDE

96,467, D. MURLESS.
LATHE-BATH AND SPONGE-HOLDER
FOR DENTISTS' USE.96,468, H. K. NELSON.
PLANT-PROTECTOR.96,469, GEORGE NOCK.
MOULD FOR WELDING STEEL TO IRON

96,470, E. D. NORTON. DOOR-SPRING.

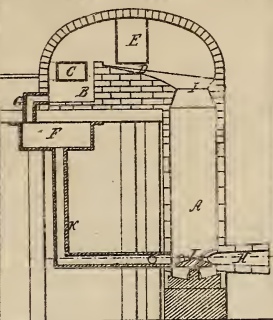
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APPARATUS FOR DRYING LUMBER

96,472, P. T. OSTERSPEY.

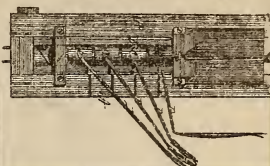
APPARATUS FOR THE DISCHARGE
AND PREPARATION OF GRANULAR ORE
AND COAL, AND SIMILAR MATERIALS.

96,479, CHARLES PETEIKS.

MELTING AND DECARBONIZING IRON.



96,483, ISAAC M. ROSS.

APPARATUS FOR TURNING
THE LEAVES OF MUSIC.

96,484, BENOIT ROUX.

SHOVEL AND TONGS-STAND.



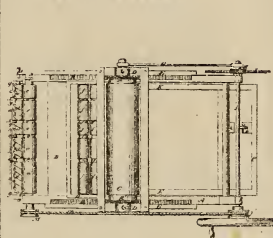
96,473 H. PACKER.

O. W. PACKER, WASH-BOILER.



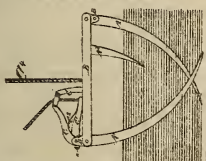
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PRINTING-PRESSES.



96,474, JAMES A. PARK.

HORSE HAY-FORKS.

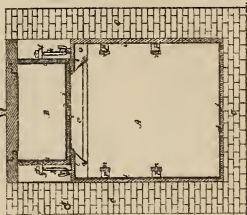


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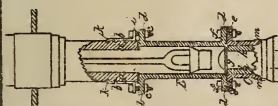


96,486, CHARLES C. SAVERY.

WATER-COOLER AND REFRIGERATOR.

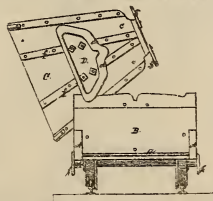


96,475, A. N. PARKHURST. PUMPS.

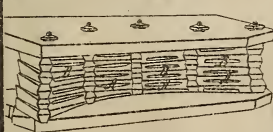


96,481, WILLIAM PRICE.

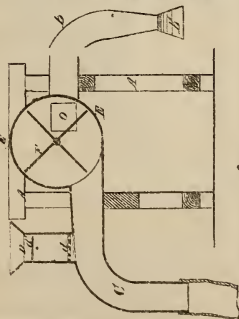
DUMPING-CAR FOR GRADING.



96,476, DAN. PEASE. SMUT-MILLS.

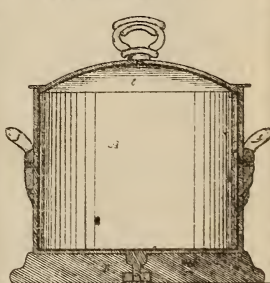


96,482, ERA ROSE.

DEVICE FOR REMOVING LUST
FROM THRESHING-MACHINES.

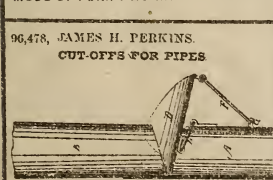
96,487, CHARLES C. SAVERY.

BREAD AND CAKE-RECEPTACLE.



96,477, CALVIN PECK.

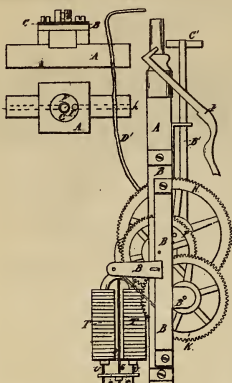
MODE OF PURIFYING RANCID BUTTER.



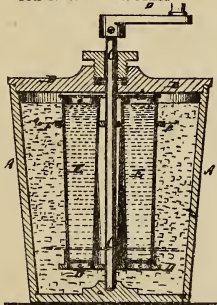
96,478, JAMES H. PERKINS.

CUT-OFFS FOR PIPES.

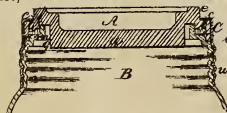
96,488, A. W. SCHARIT ELECTRO-
L. A. HUDSON. MAGNETIC GAS
D. LYMAN. LIGHTING
APPARATUS.



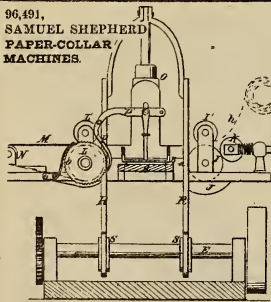
96,489, PAUL SCHUMACHER.
ICE-CREAM FREEZER.



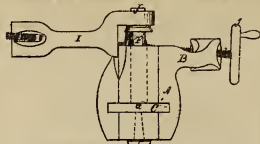
96,490, H. E. SHAFFER. FRUIT-JARS.



96,491, SAMUEL SHEPHERD.
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MACHINES.



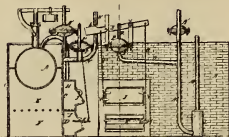
96,492, H. A. SHIPP. MACHINE FOR
PUNCHING METALS.



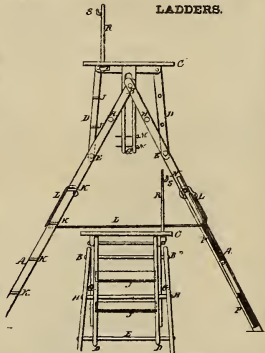
96,493, JOSEPH SIMPSON.
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96,494, JAMES J. SMITH.
SAMUEL WOOD.
DRAUGHT-REGULATORS.

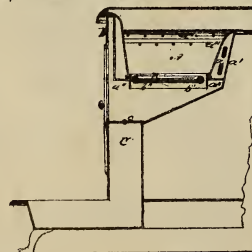


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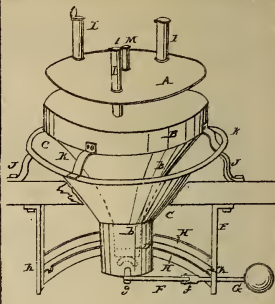


96,496, JOHN SNOW.
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96,497, ASA SNYDER. COOKING-STOVE



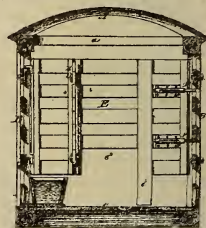
96,498, FRANK J. STEINHAUSER.
H. M. SHREINER.
RAILROAD-CAR HEATER.



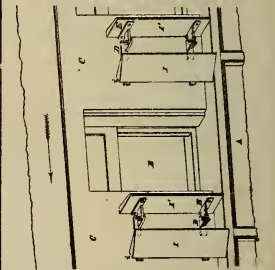
96,499, WM. M. STEVENSON.
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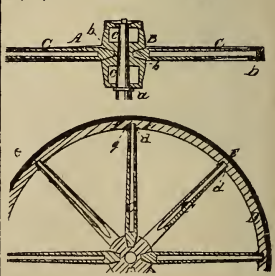
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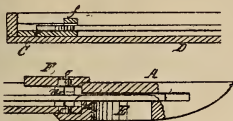


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JOHN EGAN.
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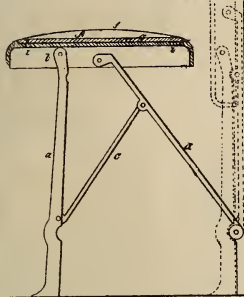


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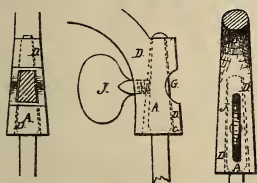


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HARVESTER-CUTTERS.

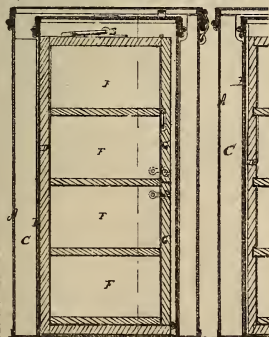
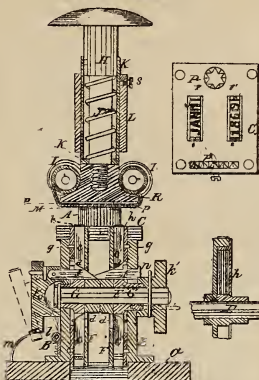
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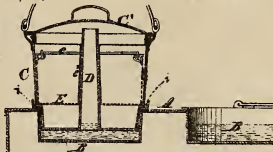
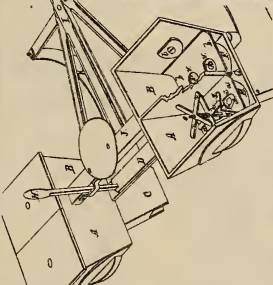
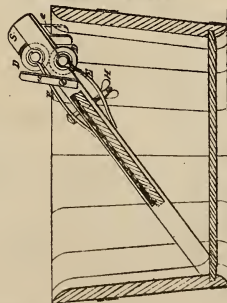
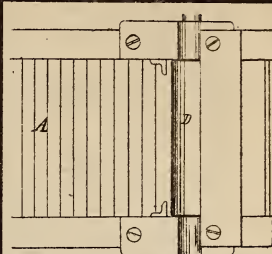
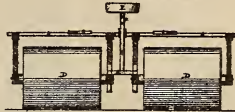
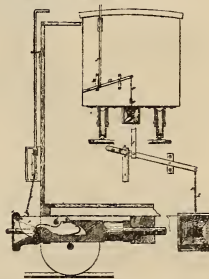
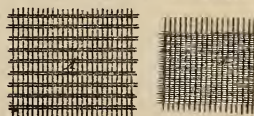
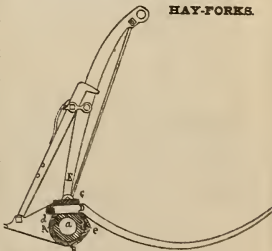
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96,506, J. THAYER. BUTTER-PACKAGE.

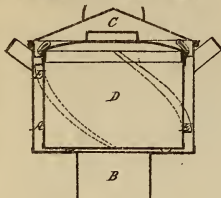
96,507,
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96,509, JAMES S. TOTTEN. BOILER.

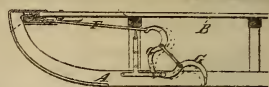
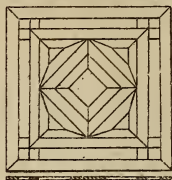
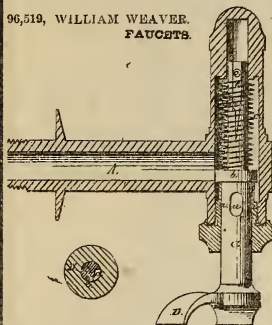
96,510, ADAM TOWBERMAN.
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CLOTHES-WRINGERS.96,512, AMBROSE TOWER.
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96,518, CYRUS WATERMAN.

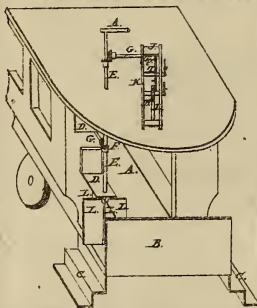
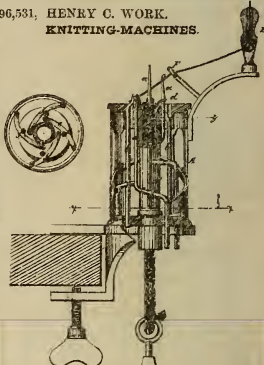
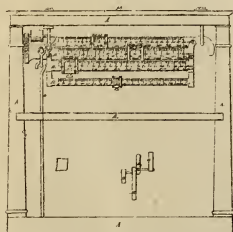
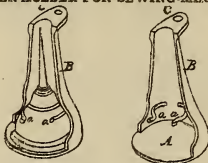
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96,523, HENRY WHITTEMORE.

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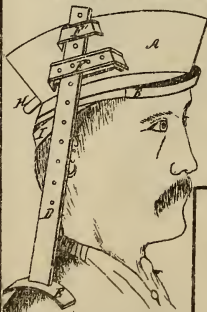
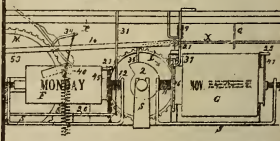
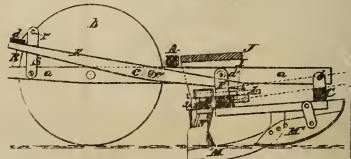
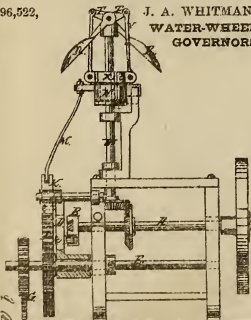
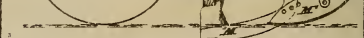
96,525, FRED. WILCOX.

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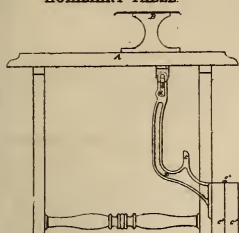
96,521, JAY WHEELOCK.



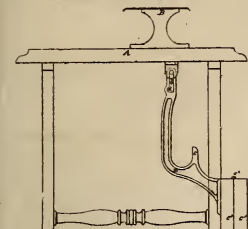
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96,528, MARK L. WINN.
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SLEIGH-BRAKE.

3,696. THOMAS BAKEWELL.
TRADE-MARK.



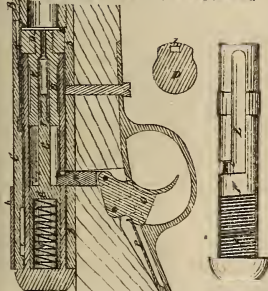
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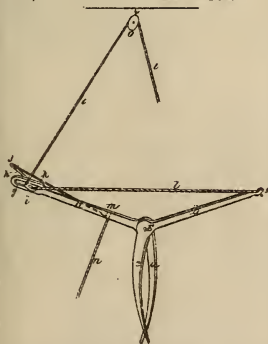
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EGG-CARRIER.



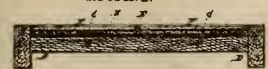
3,699. BETHEL BURTON.
BREECH-LOADING FIRE-ARMS.



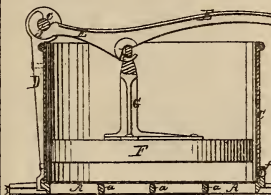
3,700. E. P. GLEASON. HAY-FORK



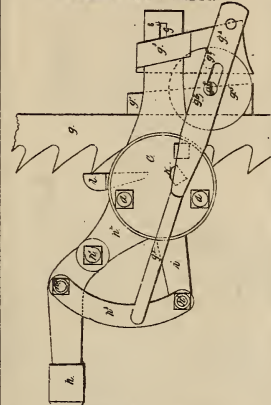
3,701. ROBT. K. KILLE.
ROOFING.



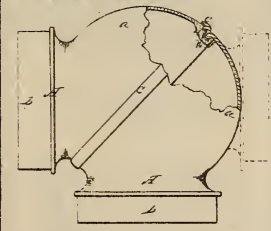
3,702. JOSEPH H. LITTLEFIELD.
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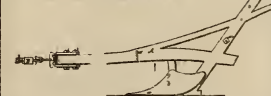
3,703. JOHN LOUGH.
DRESSING SAW-TEETH.



3,704. H. B. MORRISON.
O. L. MORRISON.
STOVE-PIPE ELBOW.



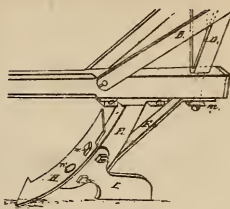
3,705. GEO. OWEN.
PLOW-COUPPLINGS.



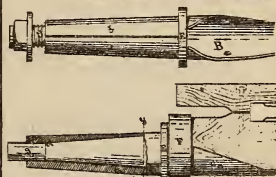
3,706. ROBT. ANDREWS. COMPOSITION
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3,707. ROBT. ANDREWS. PROCESS OF
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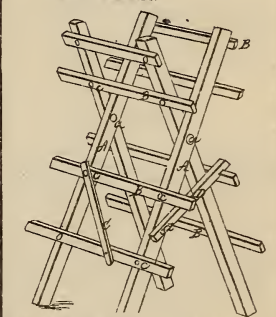
3,708. FREEMAN F. REYNOLDS.
JOSEPH H. HINES.
PLOW.



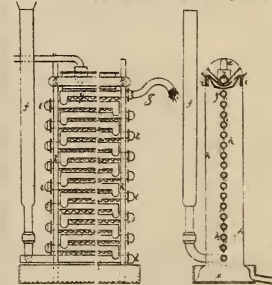
3,709. GOTTLIEB SCHREYER.
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3,710. CHESTER STONE.
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3,711. GEO. B. TURRELL.
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BEER AND OTHER LIQUIDS.

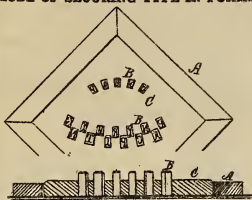


3,712. G. A. WATKINS.
DEVICE FOR WEAVING CHAIR-SEATS.

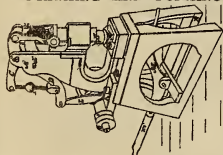


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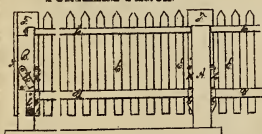
96,534, SAM'L. ANDERSON.
THOS. J. FCLAN.
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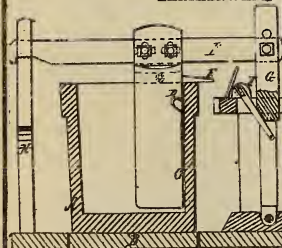
96,535, JOHN ANNEAR.
W. J. GORDON.
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"BLANKING" AND "FORMING UP"



96,536, ALBERT ARMITAGE.
JOHN H. OLMSTED.
PORTABLE FENCE



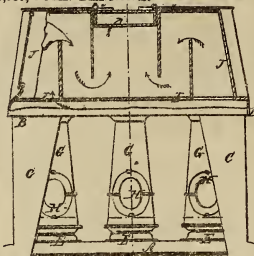
96,537, JOSEPH H. BADDELEY.
APPARATUS FOR SHAPING
EARTHENWARE



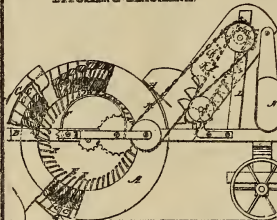
96,538, CHAS. W. BAILLY.
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96,539, JOHN BANNIHR. GAS-HEATER.



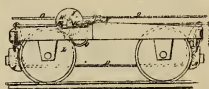
96,540, HENRY BENETT.
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96,541, SAMUEL BONSER. STEAM-TRAP.



96,542, MARCUS S. BORTHWICK.
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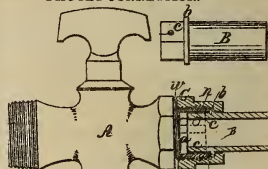
96,543, WM. BOYRER.
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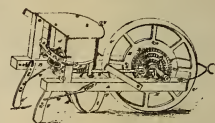
96,544, EDWARD BRADY.
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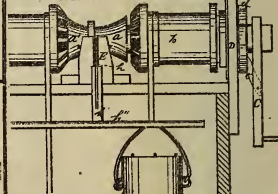
96,545, THOMAS H. BRADY.
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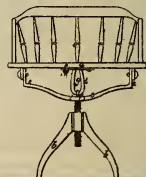
96,546, JAMES CAMPBELL.
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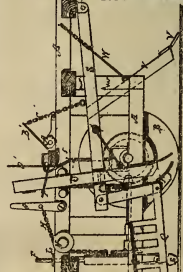
96,547, GEORGE W. CARPENTER.
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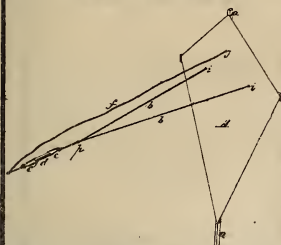
96,548, JEFFERSON CHASE. CHAIR.



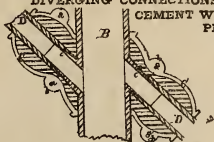
96,549, H. W. CLAPP.
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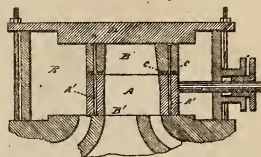
96,550, SAMUEL CLARK. KITES.



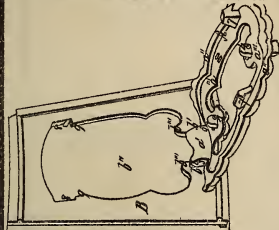
96,555, EDWIN DAYTON. LATERAL OR DIVERGING CONNECTIONS FOR CEMENT WATER-PIPES.



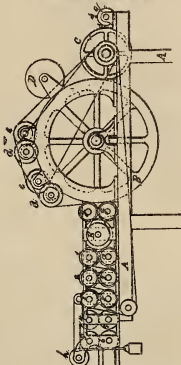
96,560, DAVID DORMAN. BALANCE SLIDE-VALVES.



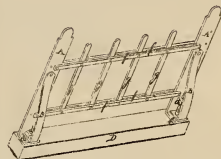
96,551, THOS. J. COULSTON. HINGE FOR A DOOR OR WINDOW-FRAME OF A STOVE.



96,556, JAMES DEMPSTER. HENRY HOLCROFT. CARDING-MACHINES.



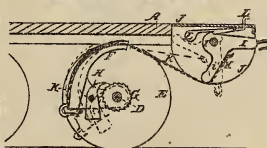
96,561, J. G. DOWNER. FENCE.



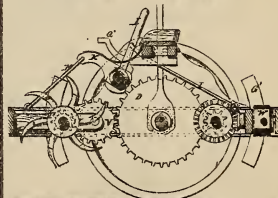
96,552, PATRICK H. COYLE. BOILER-TUBE CLEANERS.



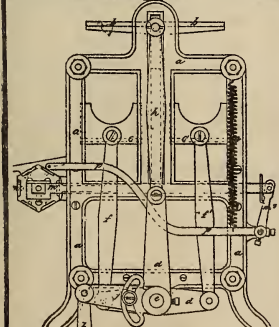
96,557, T. S. E. DIXON. STREET-CAR STARTER.



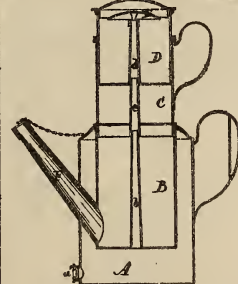
96,562, ROBT. I. DRAUGHON. COTTON-CULTIVATORS.



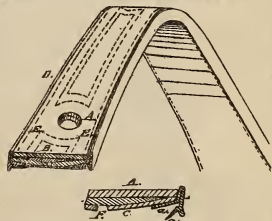
96,553, EZEKIEL K. DAVIS. JACQUARD-MECHANISM FOR LOOMS.



96,558, JOHNSON DODGE. COFFEE POT.



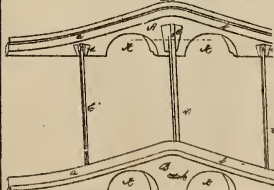
96,563, CHAS. DREW. HARNESS-PAD.



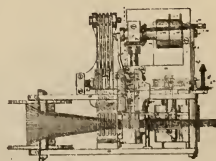
96,554, WILLIAM EDWARD DAVIS. ELECTRO-MAGNET.



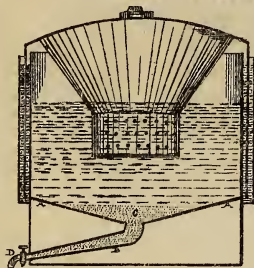
96,559, WILLIAM DONOGHUE. FREDERICK L. CHARLTON. ROSE-BRIDGE.



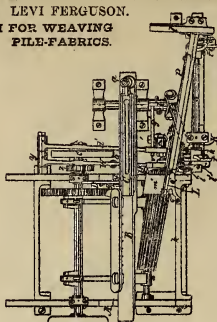
96,564, JAMES DUCKWORTH. LOOMS FOR WEAVING TAPE.



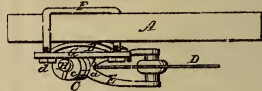
96,565, CLEVELAND F. DUNDERDALE
APPARATUS FOR GENERATING AND
CARBURETTING GASES.



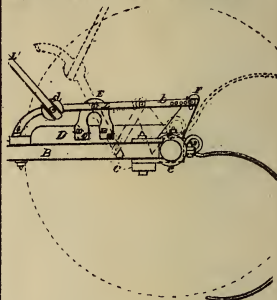
96,570, LEVI FERGUSON.
LOOM FOR WEAVING
PILE-FABRICS.



96,575, CONRAD FURST.
COULTERS FOR PLOWS.



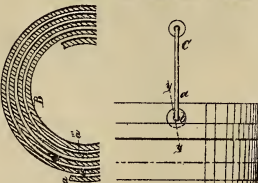
96,576, HORATIO GALE. HAY-RAKE.



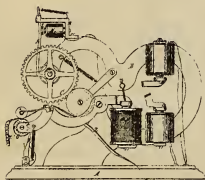
96,566, FRANCIS W. EBERMAN.
ENVELOPES.



96,571, LEONARD ASA FLEMING.
EARS OF WOODEN BUCKETS.



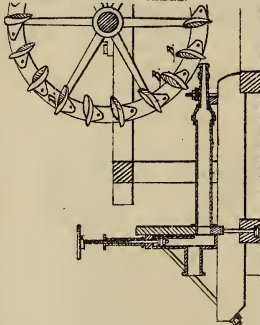
96,567 THOMAS A. EDISON,
PRINTING-TELEGRAPH APPARATUS



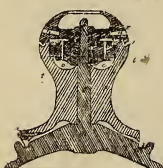
96,572, JOHN FOX.
MANUFACTURING SHOVELS.



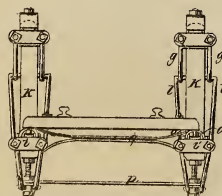
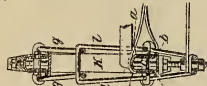
96,573, J. G. FREDENBURR.
W. V. ANDREWS.
WATER-WHEELS.



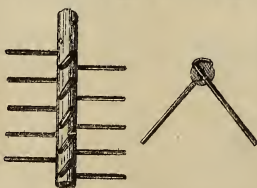
96,568, JACOB EDSON. CAPSTANS.



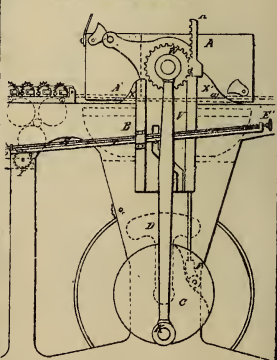
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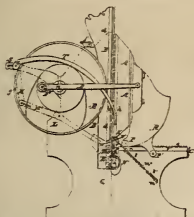


96,574, JOHN FRYMIRE. FLY-NETS.

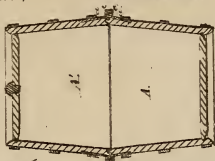


96,578, MERRITT GALLY.
PRINTING-PRESSES

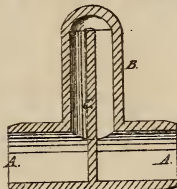
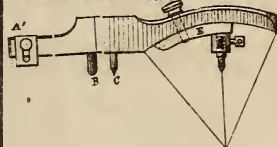


96,579, MERRITT GALLY.
PRINTING-PRESSES.

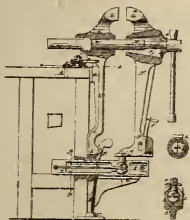
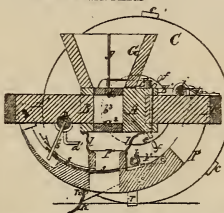
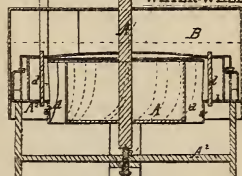
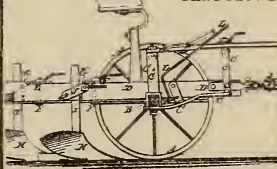
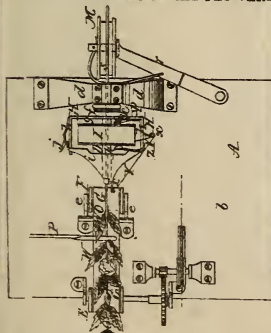
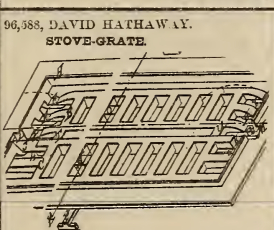
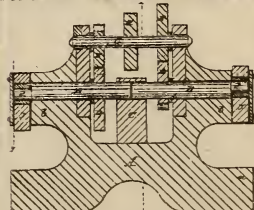
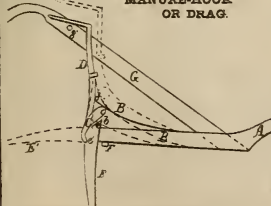
96,584, J. M. HALE, BUTTER-TUBS.

96,590 A. HITSCHERICH.
BEER-COOLERS.

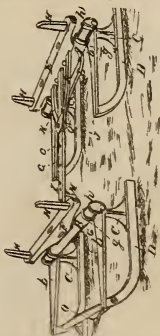
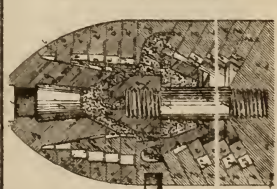
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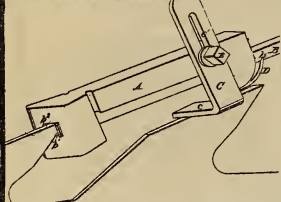
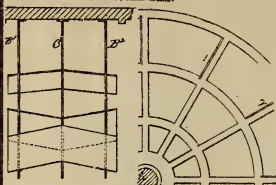
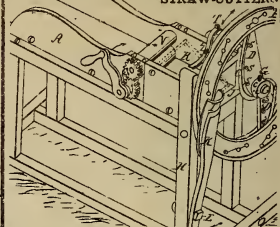
96,591, JOHN HOPE.
DIAMOND-HOLDERS FOR ENGRAVING
PRINTERS' ROLLERS.

96,580, O. H. GARDNER, VISES.

96,586, JAMES A. HAMBRICK.
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WATER-WHEELS96,581, JOSEPH GAWLER.
HEAD-BRACE FOR COFFINS.96,593, JAMES B. HUNTER.
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ARTIFICIAL FLOWERS96,587, E. S. HARRIS.
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AND PRESERVATION OF NATURAL FLOWERS96,588, DAVID HATHAWAY.
STOVE-GRATE96,594, WM. H. IVENS.
WM. E. BROCKE.
PUNCHING AND SHEARING-MACHINE96,583, HENRY CROSS.
MANURE-HOOK
OR DRAG.

96,589, H. R. HAWKINS, SLEDS

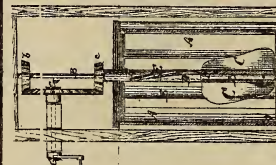
96,595, JOHN JOBSON.
EXPLOSIVE PROJECTILES.

96,596, NELSON JOHNSON.
SAW-SWAGES.96,603, JAMES MAHONY.
PADDLE-WHEELS.96,609, HARRISON OGBORN.
STRAW-CUTTERS.

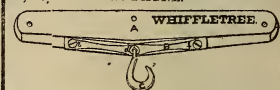
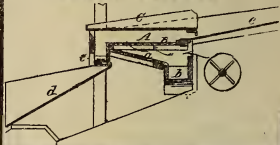
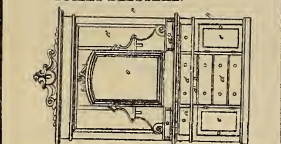
96,597, J. A. KEMMIS, PENCIL-CASES.



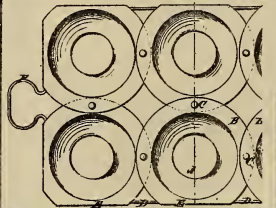
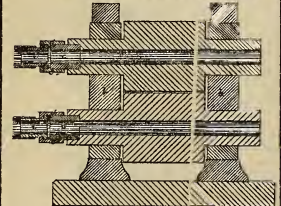
96,604, C. J. MILLER, JR. CHURNS.



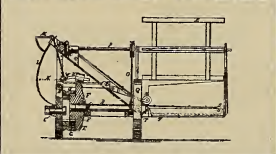
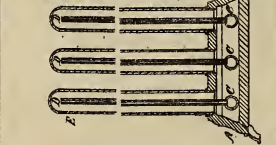
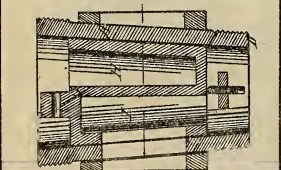
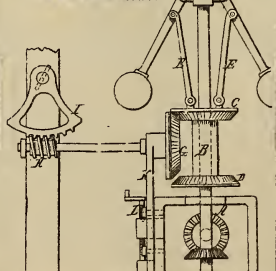
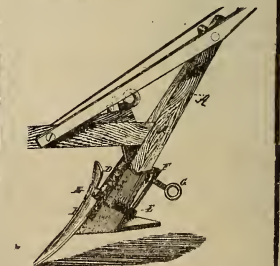
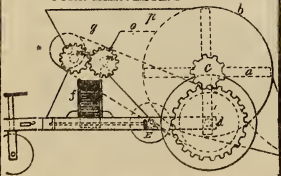
96,610, ANSON W. PAYNE.

96,598, J. GARDNER KENYON.
FOUNTAIN-PENS.96,611, WILLIAM H. PERRY.
THRESHING-MACHINES.96,599, GEO. V. LEICESTER.
TOILET-BED-STEAD.

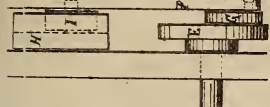
96,605, JNO. C. MILLIGAN, BISCUIT-PAN

96,612,
G. B. PHILLIPS.
ROCK-DRILLING
MACHINE.96,613,
S. M. PIKE.
HEAT-RADIATORS.96,600, JOHN LIPPINCOTT.
METAL-ROLLING APPARATUS.

96,603, ROBERT MORRIS, HARVESTERS.

96,607, JAMES O. MORSE.
GARDNER D. HISCOX.
STEAM-RADIATORS.96,601, H. LOMBARD.
ROTARY STEAM-VALVES.96,608, M. MURPHY.
GOVERNORS FOR STEAM AND
OTHER ENGINEERY.96,614 WILLIAM R. POOL.
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CORN-HARVESTER.

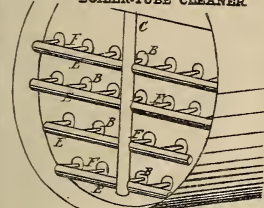
96,615, NELSON READ.
MODE OF TRANSMITTING MOTION.



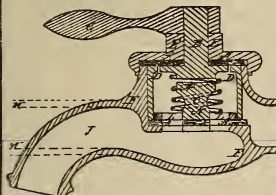
96,616, SAMUEL REED.
WINDOW-SASH FASTENING.



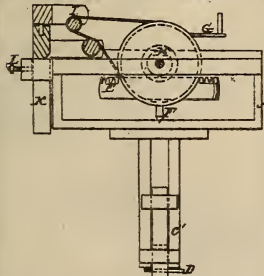
96,617, JOHN E. REGAN.
BOILER-TUBE CLEANER.



96,618, CL. RENARD. TAP-COCKS.
PERRET.
VOITURET.



96,619, JAMES RICE.
HAND-SPINNING MACHINE.

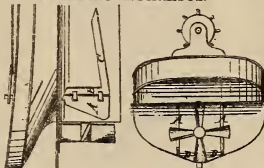


96,620, EMMY ROCKS.
AXLE-SKEIN.

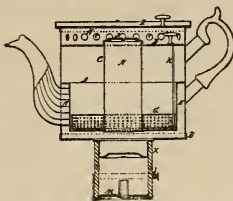


96,621, ERASTUS B. SAMPLE.
JOHN SPARKS.
MAKING TOY-TORPEDOES.

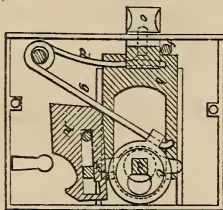
96,622, A. A. SCANK.
STEERING-APPARATUS.



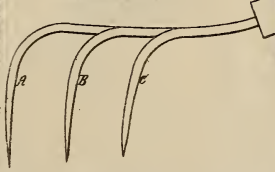
96,623, EILERT O. SCHARTAU.
GAS HEATER.



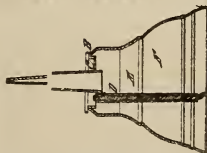
96,624, G. A. SEAVER. LATCH.



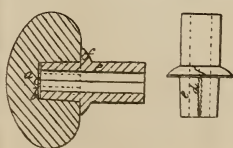
96,625, THOMAS J. SECOR.
CHARLES E. SHUMWAY.
WEEDING-HOOK.



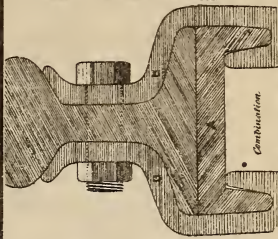
96,626, FRANKLIN SKINNER. OIL-CANS.



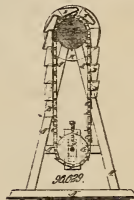
96,627, THOS. J. SLOAN. DOOR-KNOB



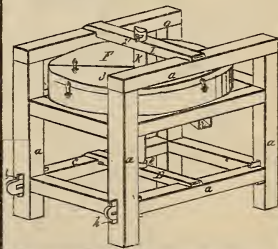
96,628, JASPER SNELL.
JOHN M. CROSLAND.
RAILWAY-RAIL SPLICE.



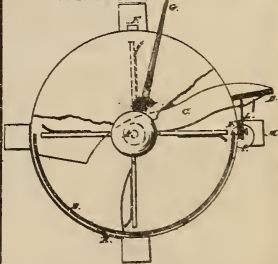
96,629, H. S. STEWART.
ENDLESS-CHAIN WATER-WHEELS.



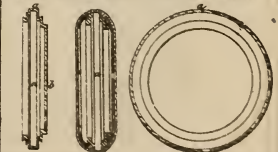
96,630, JACOB STROOP.
GRAIN-CLEANERS.



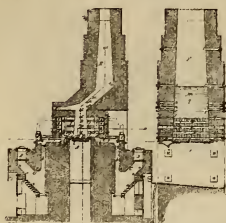
96,631, ISAAO H. SUTTON.
WIND-WHEELS.



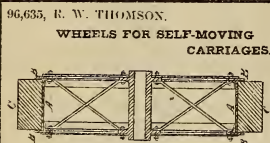
96,632, CHARLES L. THIERY.
MANUFACTURE OF WATCH-CASES.



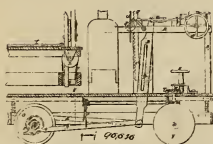
96,633, ALOIS THOMAS.
PROCESS AND APPARATUS FOR
CONVERTING CAST-IRON INTO STEEL.



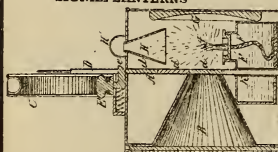
96,634, WILLIAM S. THOMAS.
ENAMEL OR GLAZE FOR POTTERY,
BRICK, TILES, &c.



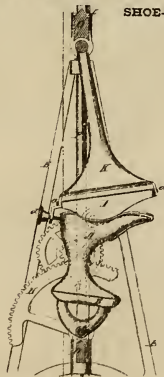
96,636, GEORGE N. TIBBLES.
TRACTION-ENGINE.



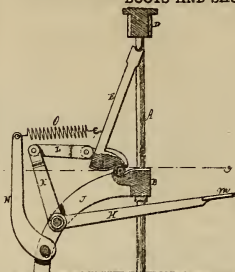
96,637, DAVID TODD.
SIGNAL-LANTERNS.



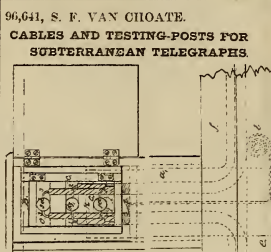
96,638, S. D. TRIPP.
MACHINE FOR SHAPING BOOT AND
SHOE-SOLES.



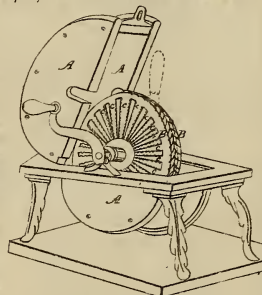
96,639, S. D. TRIPP.
DEVICE FOR MOULDING SOLES OF
BOOTS AND SHOES.



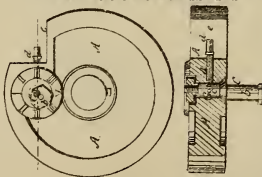
96,640, S. F. VAN CHOATE.
DISTILLING ALCOHOLIC LIQUORS.



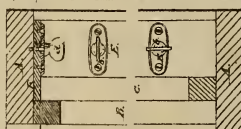
96,642, WM. VINE. KNIFE-CLEANER.



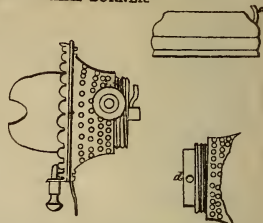
96,643, HIRAM L. WANZER.
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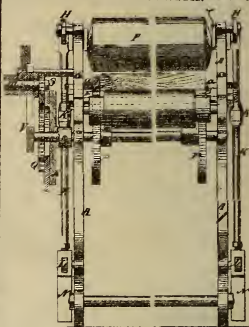
96,644, OTIS WARD. WINDOW-FRAME.



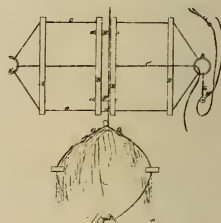
96,645, WILLIAM WESTLAKE.
LAMP-BURNER.



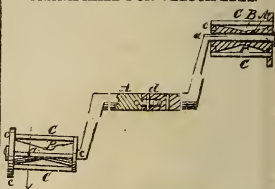
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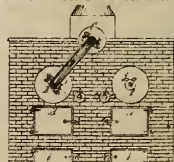
96,647, E. L. YANCY. HAY-ELEVATOR.



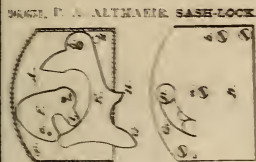
96,648, McCLINTOCK YOUNG.
CRANK-AXLE FOR VELOCIPEDES.



96,649, JOHN ADAMS.
APPARATUS FOR CARBONIZING PEAT.



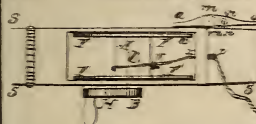
96,650. ROBERT A. ADAMS.
COMPOUND VENEER AND
ORNAMENTAL COVERING
FOR ARTICLES.



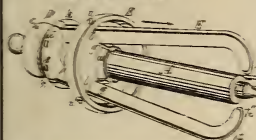
96,651. P. A. ALTMAIER. SASH-LOCK.



96,652. P. A. ALTMAIER. FISHING-REEL.



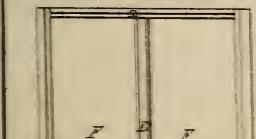
96,653. WILLISTON I. ALFORD.
CENTRING-TOOL.



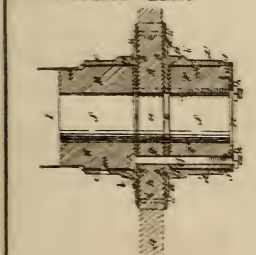
96,654. A. C. ANDREWS.
INDIA-RUBBER PACKING.



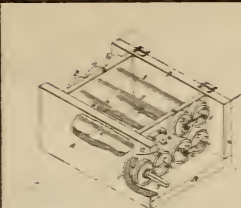
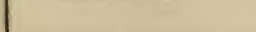
96,655. E. B. ANDREWS.
COMPOSITION-PANEL FOR DOORS.



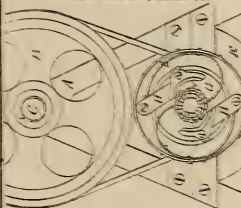
96,656. SIMON ATFA.
CARRIAGE-WHEELS.



96,657. ALBERT M. BROWN.
MOTIVE-POWER.



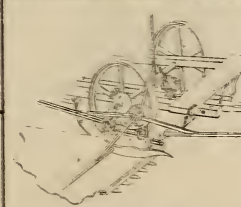
96,658. VOLNEY BARKER.
GREEN-CORN SHELLER.



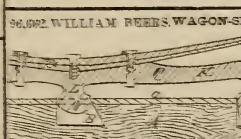
96,659. A. T. BARNES.
N. M. BARNES.
WOOD-TURNING LATHE.



96,660. SAMUEL D. BATES. HARVESTERS.



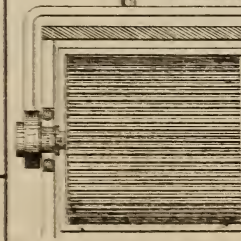
96,661. W. K. BECK.
PROCESS FOR COLORING MUSLIN
PAPER &c.



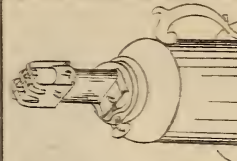
96,662. WILLIAM REEDS. WAGON-SEATS.



96,663. M. J. BENDALL. CALORIC
STREET-ROLLER.



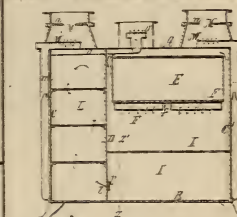
96,664. NEWTON BENEDICT. LAMP.



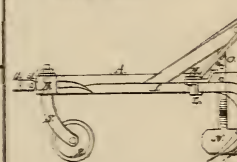
96,665. A. BENNETT.
CORSET-SPRINGS.



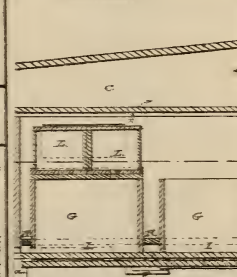
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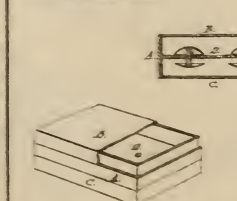
96,667. WILLIAM H. BOTT.
CORN-FLOWS.

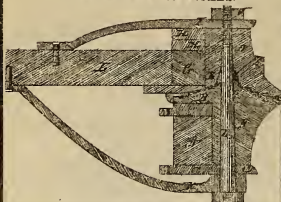
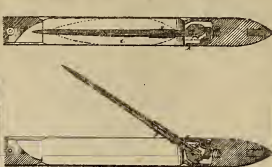


96,668. D. BURBANK.
BEE-HOUSE.

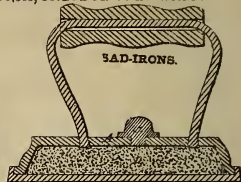
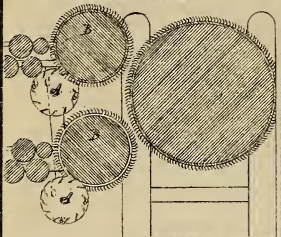
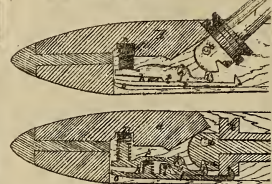


96,669. LEVI L. BURDON.
JEWELRY-BOX.

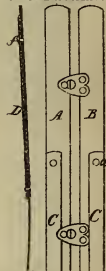
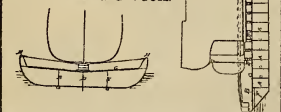


96,670. UPSON BUSHNELL.
COUPLING FOR VEHICLES.96,676. GEO. CROMPTON.
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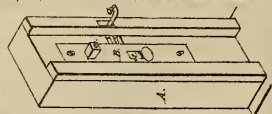
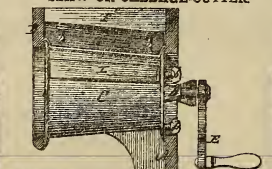
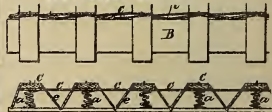
96,683. THEODOR G. EISWALD.

96,671. JOHN BUTTERWORTH.
JAMES BUTTERWORTH.
CARDING-ENGINE.96,677. GEO. CROMPTON.
SHUTTLES FOR LOOMS

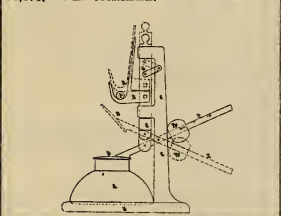
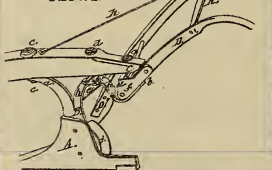
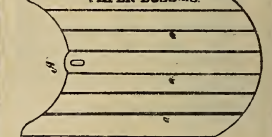
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96,685.
JOHN L.
FITZPATRICK.
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FLOATING DOCK.

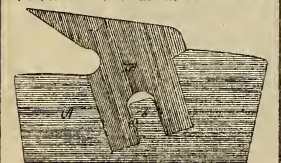
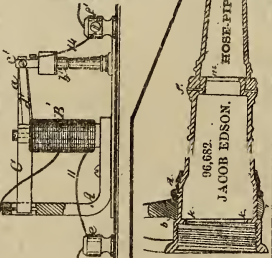
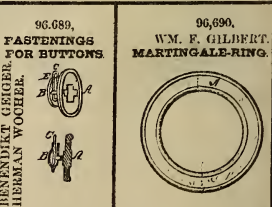
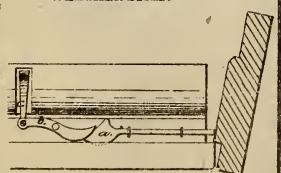
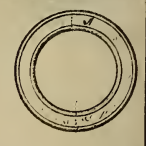
96,678. R. M. DALBEY. SASH-HOLDER.

96,679. DANIEL F. DIETRICH.
SLAW OR CABBAGE-CUTTER.96,686. JULIUS FOX.
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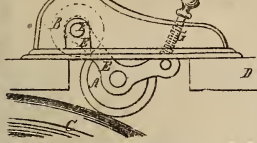
96,673. W. E. CARLILE. INKSTANDS.

96,680. H. R. DURPEE.
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PAPER BOSOMS.

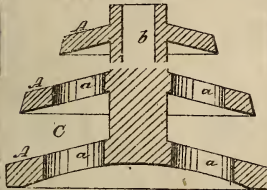
96,674. EDWARD COLSON. SAW-TEETH

96,681.
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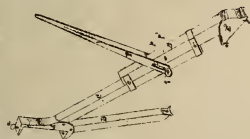
96,692, THOS. HALL.
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SEWING-MACHINE.



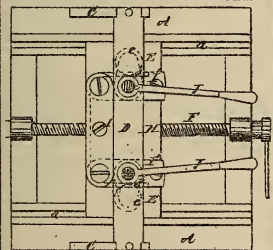
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CHURN-DASHERS.



96,694, JESSE HAMME.
PUSHING-JACK FOR RAILROADS.



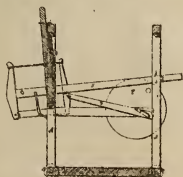
96,695, GEORGE HAVELL.
MACHINES FOR BENDING
BAG-FRAMES



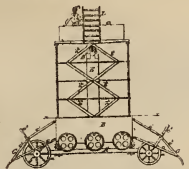
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CHARLES S. STRAYER.
WASHING-MACHINE



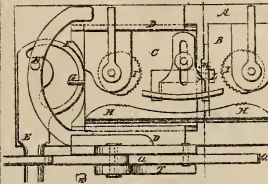
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96,698, JOHN HEUERMAN.
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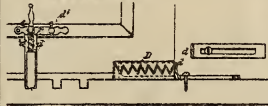
96,699, S. D. HICKS.
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AND SAW-GUMMING DEVICE.



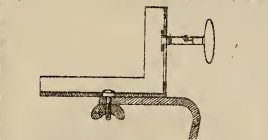
96,700, LEONARD D. HOWARD.
TOOL FOR OPENING ROSES.



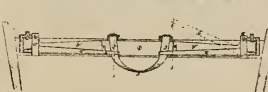
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SASH-HOLDER.



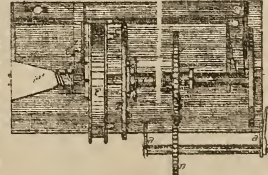
96,702, G. P. JOHNSON, BOOK-HOLDERS



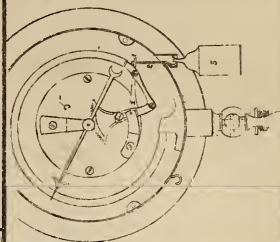
96,703, EDWD. P. JONES.
DETACHING HORSES FROM
CARRIAGES.



96,704, PATRICK KELLY.
MACHINE FOR SUPPLYING AIR TO
CAREVRETTES



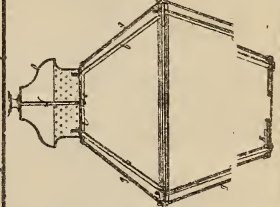
96,705, H. J. H. KING.
PRESSURE-GAUGES.



96,706, PETER W. KNISKERN
SPRING-BED BOTTOM



96,707, J. H. KRAMER STREET-LAMP.
A. BURGER.



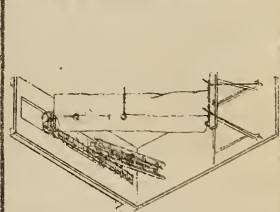
96,708, GUSTAV LAUTENSCHLAGER
ROCKING-HORSES.



96,709, WM. A. LIGHTHALL
APPARATUS FOR WARMING AND
COOLING APARTMENTS.



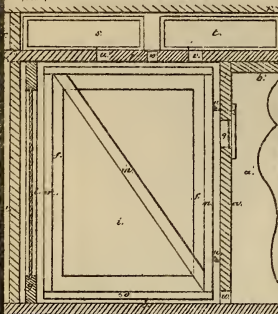
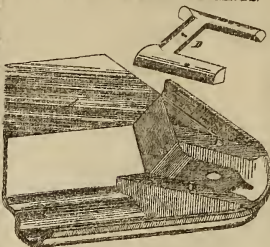
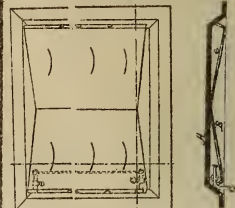
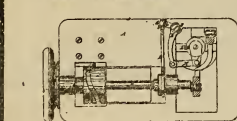
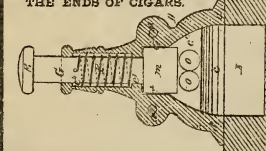
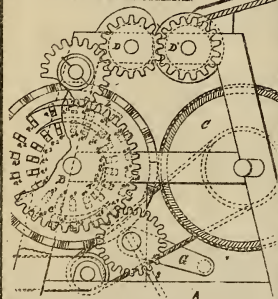
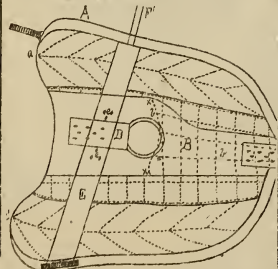
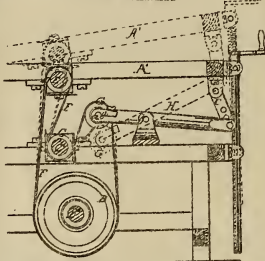
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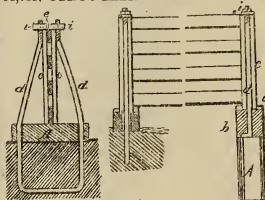
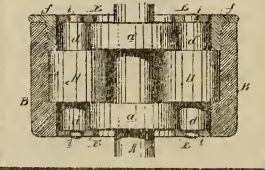
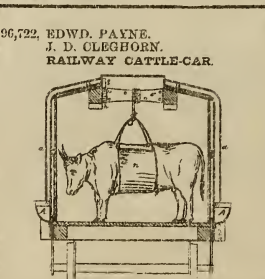
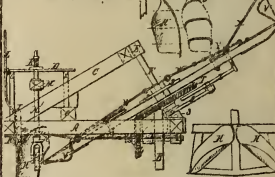
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ASH-PANS



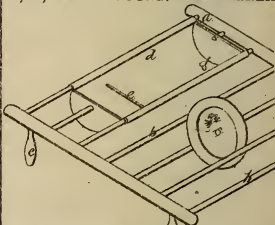
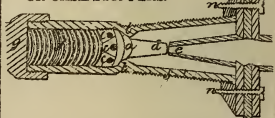
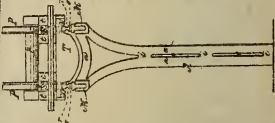
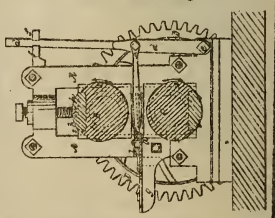
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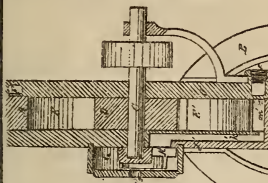
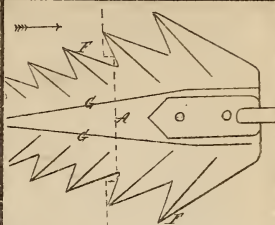
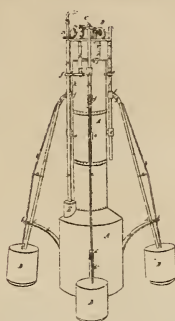
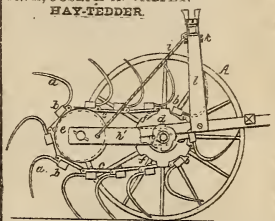
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WINDOW-SHUTTER.96,713, LUCIUS LYON.
SEWING-MACHINE.96,714, JOHN G. MAIER,
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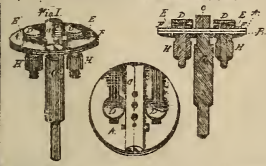
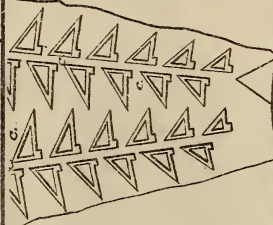
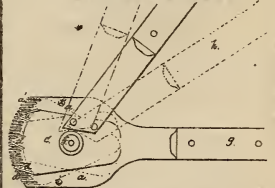
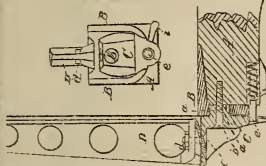
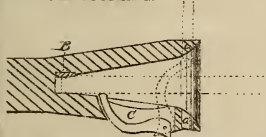
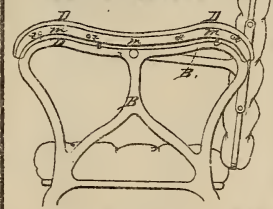
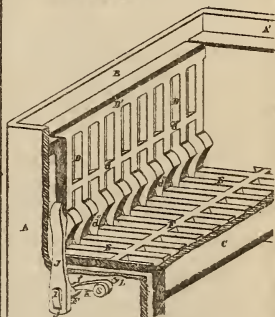
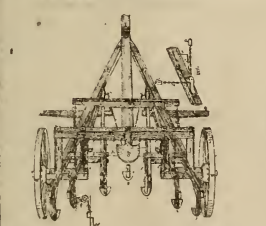
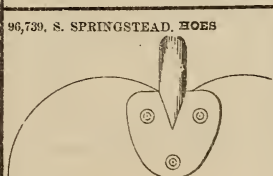
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96,725, HENRY F. POND, DISC-DRAINER.

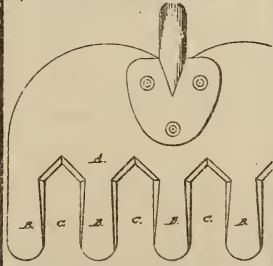
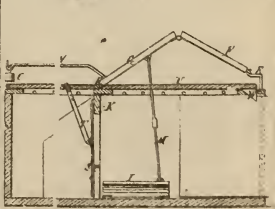
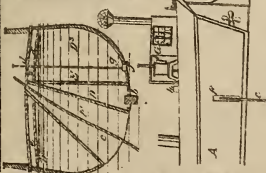
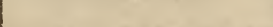
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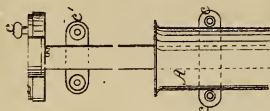
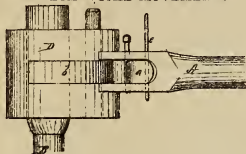
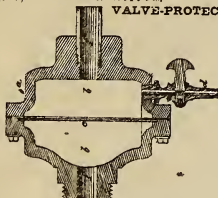
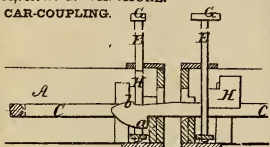
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HAY-TEDDER

96,730. JOHN RICH. LATHE-CHUCK

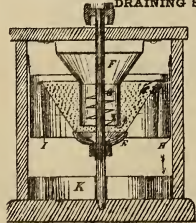
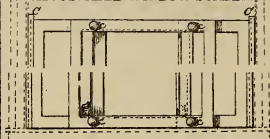
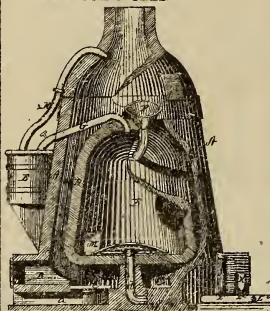
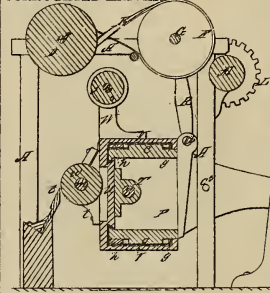
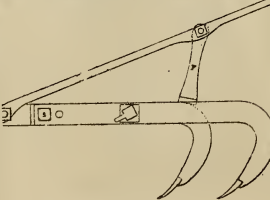
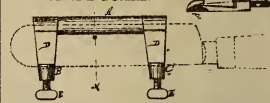
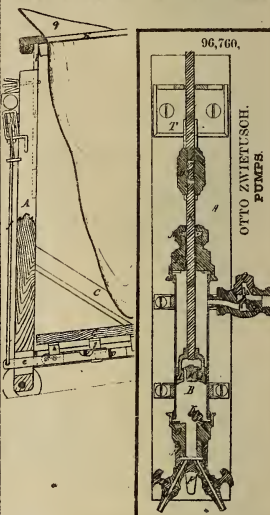
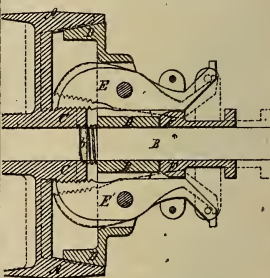
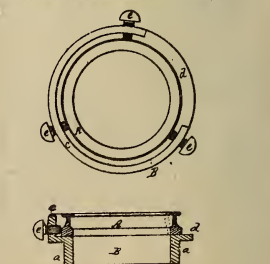
96,736. HENRY SHAW.
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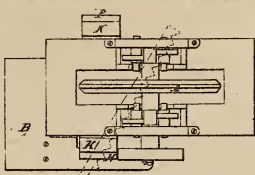
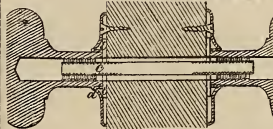
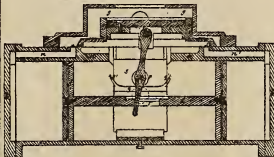
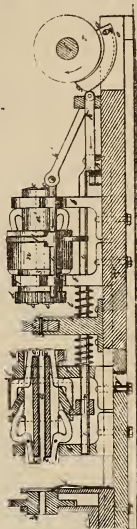
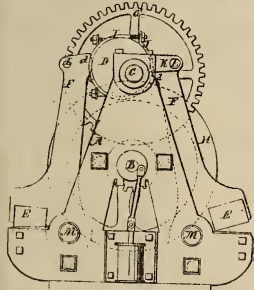
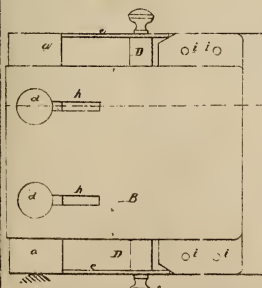
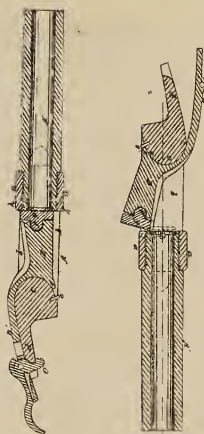
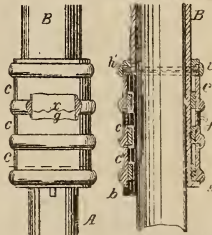
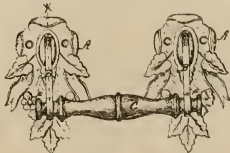
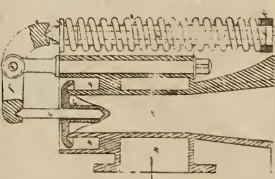
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96,744. J. L. TUSTEN.
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96,745, JAMES TWAMLEY.
WHIP-SOCKETS.96,746, A. VAN GUYNLING.
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VALVE-PROTECTOR.96,748, WILLIAM N. WEEDEN.
PENCIL-SHARPENERS.96,749, D. G. WHITMORE.
CAR-COUPLING.

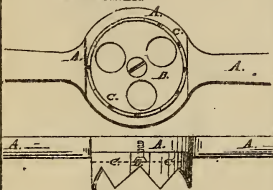
96,750, GEO. WIDDICOMB.

96,751, JACOB WIDMER.
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WM. F. DRAPER.
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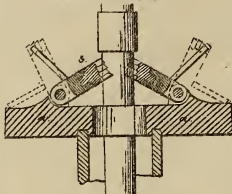
3,715, M. FITZGERBONS.
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ILLUSTRATIONS OF PATENTS
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NOV. 16, 1869.

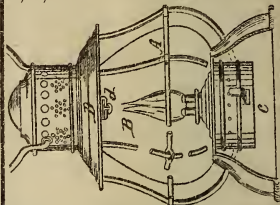
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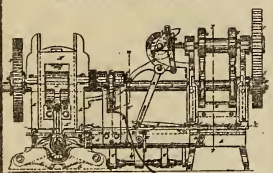
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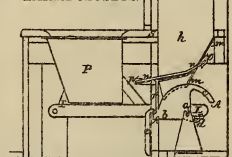
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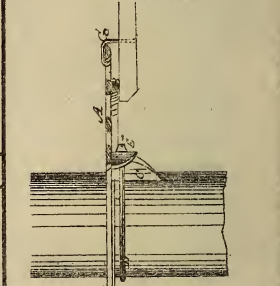
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JOHN F. ALLEN.
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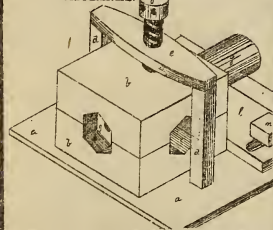
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EARTH-CLOSETS.



96,773, W. C. BURNHAM.
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CLOTHES-DRIER.

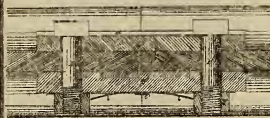


96,763, WESLEY ANDERSON.
REVERSIBLE DIE-BOX FOR
NUT-MACHINES.



96,768 SUSPENDED.

96,769, JASON T. BARTLETT.
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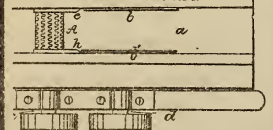


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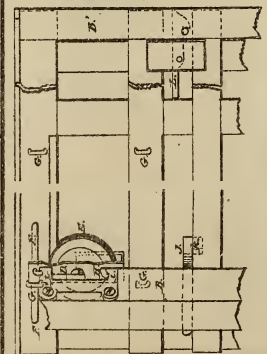


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WILLIAM TUCKER.

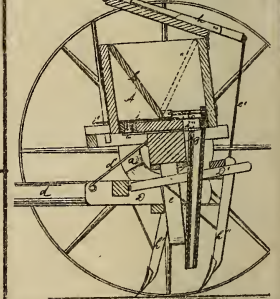
MACHINE FOR MAKING
MATCH-BLOCKS.



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FARM-GATES.

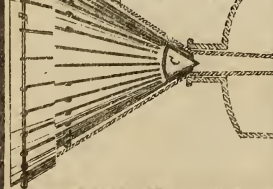


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COMBINED SEED-PLANTER AND
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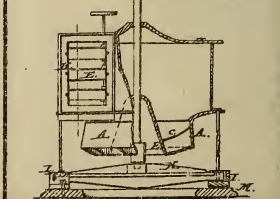
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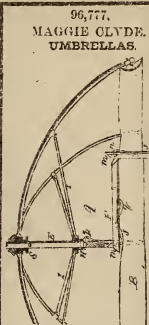
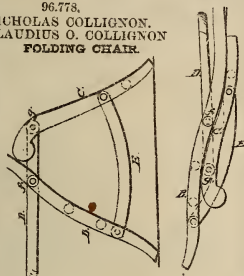
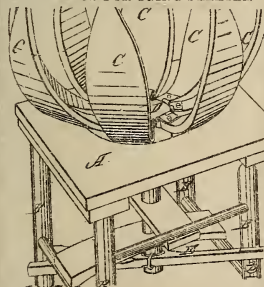
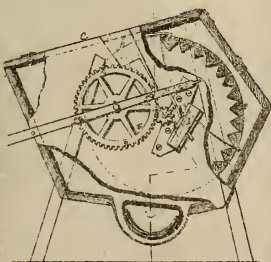
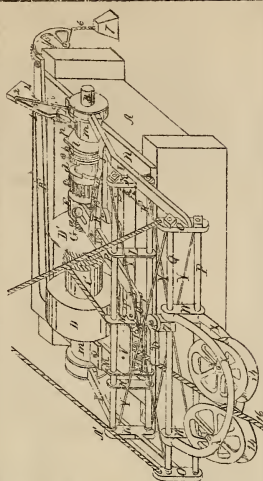
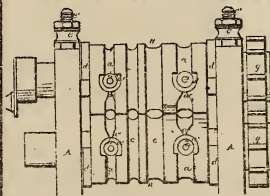
WATER-WHEELS.



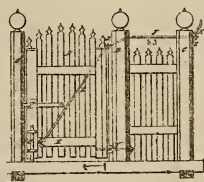
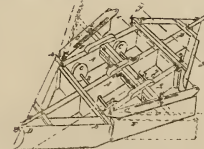


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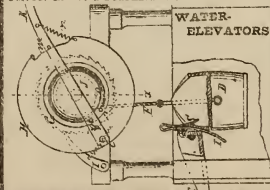
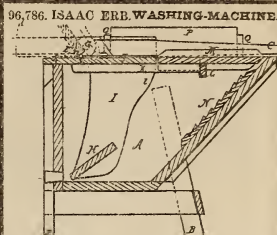
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96,777, MAGGIE CLYDE.
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96,783, JOHN R. DAVIS. GATES.

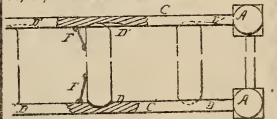
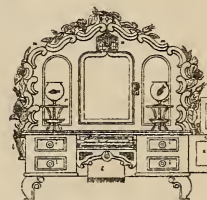
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TRACK-CLEARING CAR

96,785, G. W. DICKERSON.

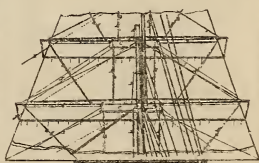
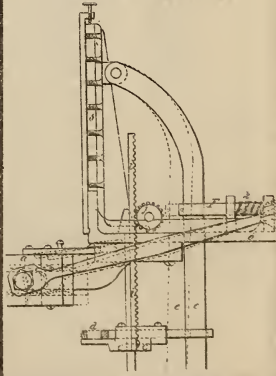
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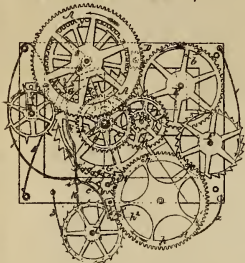
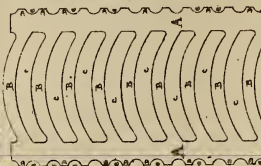
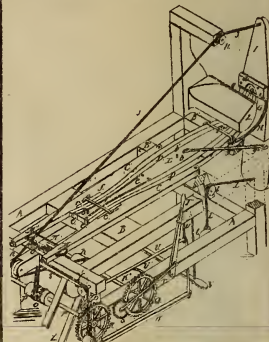
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96,787, D. M. ESTEY. BEDSTEAD.

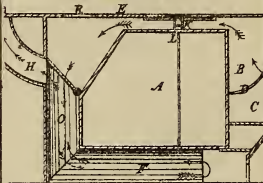
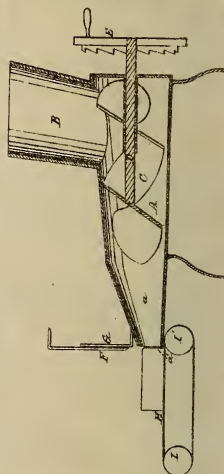
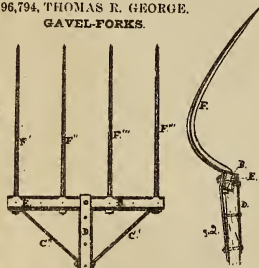
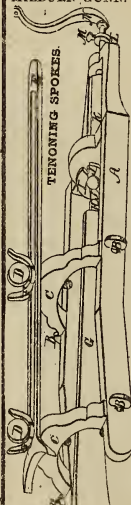
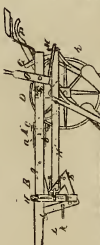
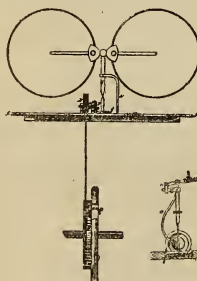
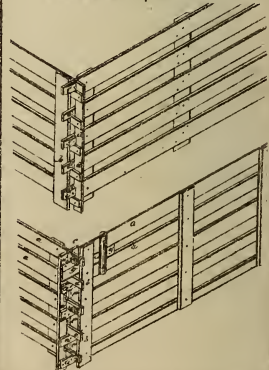
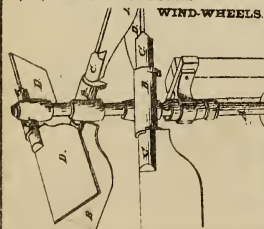
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CABINET FOR LADIES

96,789, R. B. FORBES. RIGGING SHIPS.

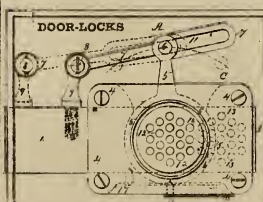
96,790, ALFRED I. PRICK.
J. B. LE CLERC
PROCESS FOR REDUCING REBELLIOUS
ORES OF THE PRECIOUS METALS96,791, H. A. GAGE.
MACHINES FOR CUTTING
PASTEL-BOARD

96,792, DANIEL J. GALE.
CALENDAR-CLOCKS.96,797, MRS. A. H. GRATON.
DRESS AND SKIRT-PROTECTORS.96,798, CLEMENTS A. GREENLEAF.
GRATE-BARS.96,803, J. S. HAMLET.
MACHINE FOR BENDING THILLS.

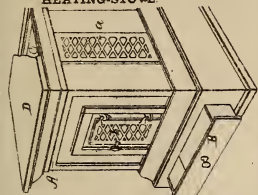
96,793, RICHARD J. GATLING. BEAM.

96,790, JAMES GRIMES.
COOKING-STOVE.96,804, J. E. HAWKINS.
BREAD-MACHINES.96,794, THOMAS R. GEORGE.
GAVEL-FORKS.96,800,
MILBURN GUNN.96,801,
A. J. GRUSH.
CORN-
CULTIVATORS.96,795, D. W. GLASSIE.
SEWING-MACHINE PAN.96,805, LEWIS HAZLETT.
S. D. HAZLETT.
PORTABLE FENCE.96,796, LUMAN M. GODFREY.
WIND-WHEELS.

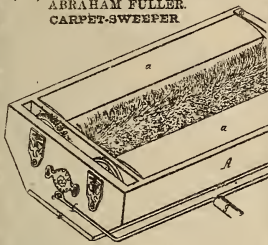
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96,806, CHARLES HEMPEL.
JOSEPH SCHAUM.
HEATING-STOVE.



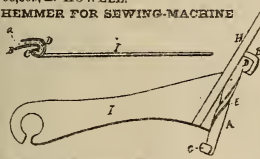
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ABRAHAM FULLER.
CARPET-SWEEPER.



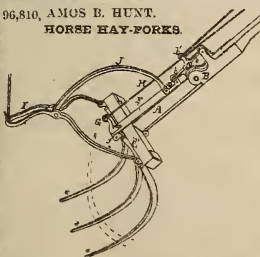
96,808, C. L. HORACK.
BUTTONS.



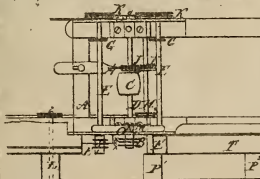
96,809, E. HOWELL.
HEMMER FOR SEWING-MACHINE.



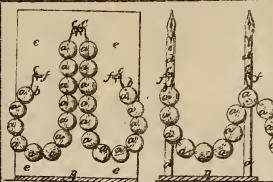
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HORSE HAY-FORKS.



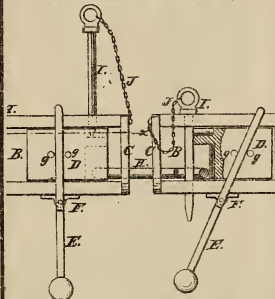
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96,812, WERNER ITSCHNER.
APPARATUS FOR PREVENTING
HORSES FROM KICKING IN THE
STABLE.



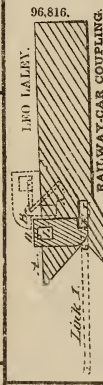
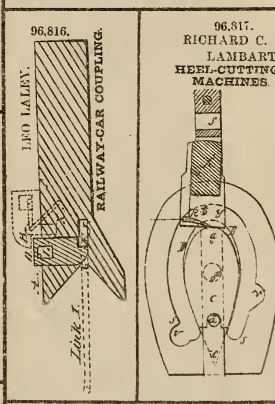
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RAILWAY-CAR COUPLING.



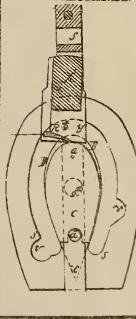
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FENCE.



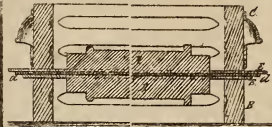
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MANUFACTURE OF PLASTIC VENEER.



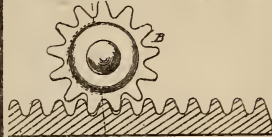
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LAMBERT.
HEEL-CUTTING
MACHINES.



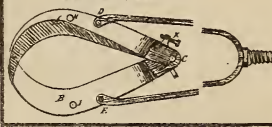
96,819, THOS. G. LUCAS.
FLASKS FOR MOULDING.



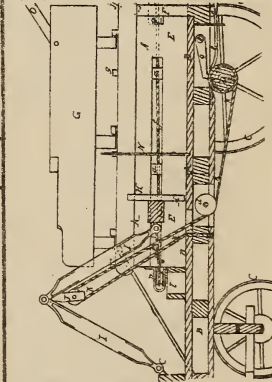
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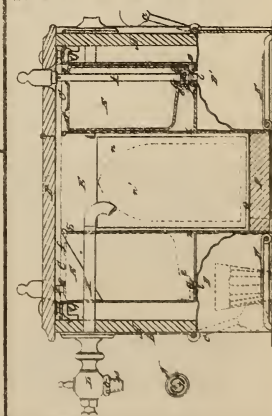
96,821, WILLIAM X LUKER.
ANIMAL-TRAP.

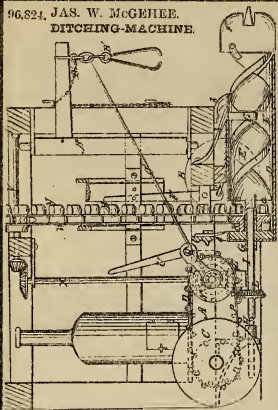
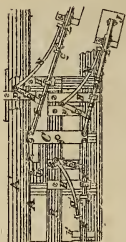
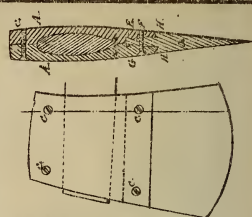
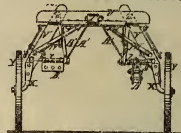
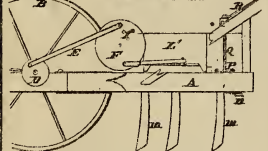


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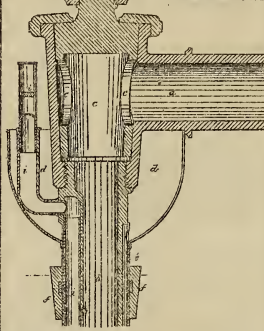
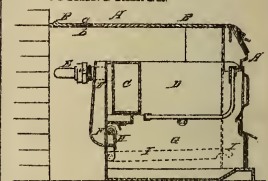
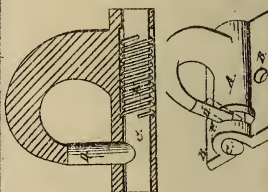
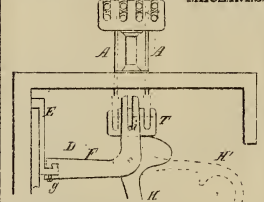
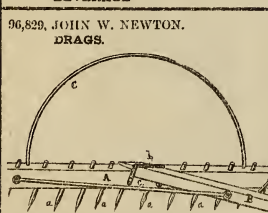
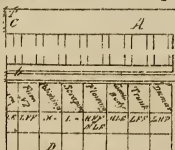
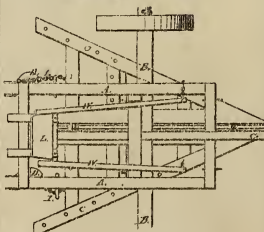
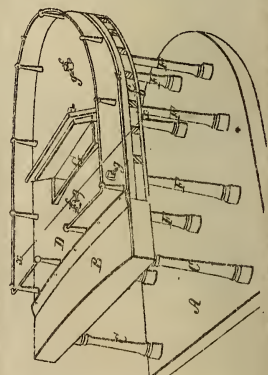


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SODA-WATER DRAUGHT-APPARATUS.

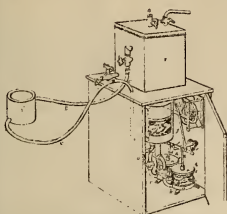


96,824, JAS. W. McGEHEE.
DITCHING-MACHINE.96,831, AMOS D. OWEN.
JOHN D. SHERMAN.
PROPELLING-APPARATUS
FOR VESSELS96,832, EDWARD LIVINGSTON FERRY.
RUBBER-HOSE
96,834 SUSPENDED.96,838, S. G. RAYL.
COMBINED DOUBLE-SHOVEL AND
TWO-HORSE CULTIVATOR.96,825, WILLIAM H. MOORE, JR.
GRAIN-DRILLS.

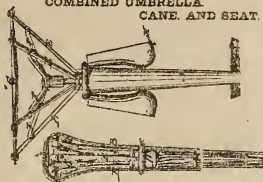
96,826, W. N. MOORE, COOKING-STOVES.

96,833, HIRAM S. PHILLIPS.
BARREL-FILLING APPARATUS
WITH WHISTLING
INDICATORS.96,839, PHILIP ROLLHAUS.
COOKING-RANGE.96,840, G. W. SANDERSON.
STABLE-HOOK.96,827, CHAS. M. NES.
MANUFACTURE OF FIG-IRON.96,835, G. W. PRESTICE.
MECHANISM FOR RAISING
TOP-ROLLER WEIGHTS IN SPINNING-
MACHINES.96,828, CONSTANTINE NESSI.
BEVERAGE96,830, HENRY NUSTEDT.
SAMPLE-CARDS FOR LIQUIDS.96,836, ELIJAH J. PRESTON.
HARROWS.96,837, ERNEST QUAST.
AXES.96,841, JOSEPH SAWYER.
DETACHABLE BUOYANT SHIP'S DECK.

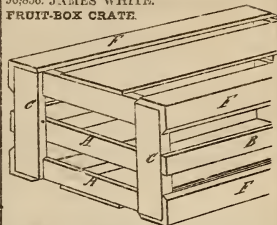
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APPARATUS FOR CARBURETTING AIR.



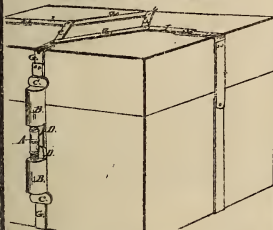
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COMBINED UMBRELLA
CANE AND SEAT.



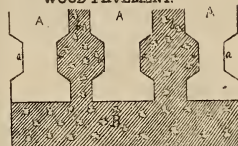
96,856, JAMES WHITE.
FRUIT-BOX CRATE.



96,843, A. D. SMITH.
TRUNK-TIE AND CLASP.



96,849, A. VAN CAMP,
M. M. HODGMAN.
WOOD PAVEMENT.

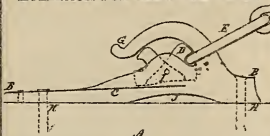


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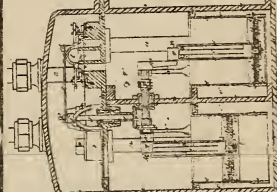


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M. M. HODGMAN.
CONCRETE FOR PAVEMENTS AND
FOR OTHER PURPOSES.

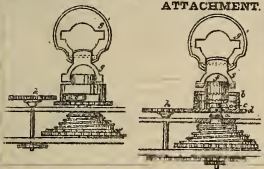
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HOLDBACK FOR CARRIAGE-THILLS.



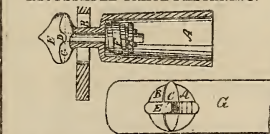
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LIQUID-METERS.



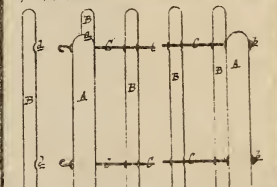
96,844, CHARLES SPIRO.
WATCH-WINDING AND SETTING
ATTACHMENT.



96,852, P. S. VAN WAGNER.
ADJUSTABLE TRACE-FASTENING.



96,859, STEPHEN A. WOOD. FENCE.



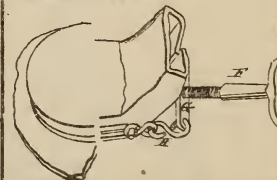
96,846, CHARLES B. STEPHENS.
ENVELOPE-OPENERS.



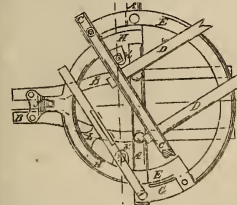
96,853, ALONZO WARREN.
WATER-WHEELS.



96,860, J. ZIMMER, JR.
HARNESS-PAD BLOCK.



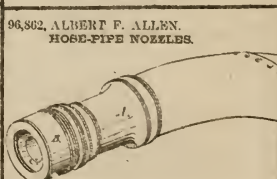
96,846, CLEMENT ST. JAMES.
FIFTH-WHEEL FOR CARRIAGES.



96,854, ASA WATERS. TUBE-WELLS.



96,861, J. AHEARN. COMPOSITION FOR
DESTROYING INSECTS ON FLOWERS,
PLANTS, AND BUSHES.

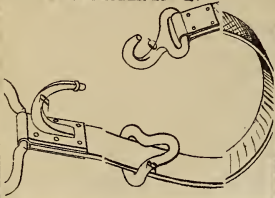
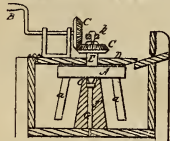
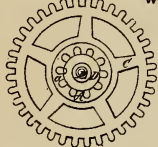
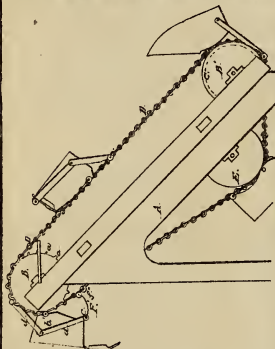
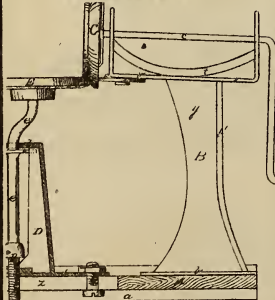


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DIE FOR FORMING BITS
AND AUGERS

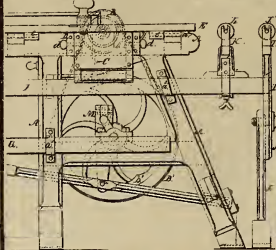


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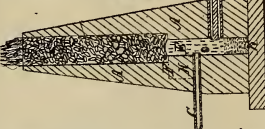
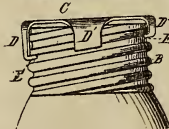
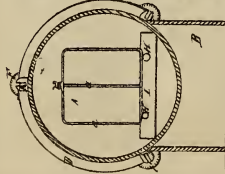
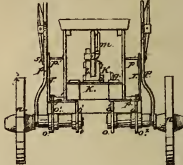
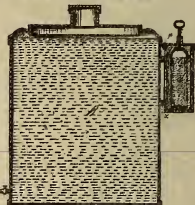
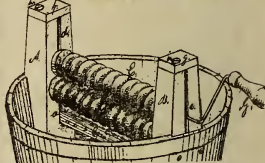
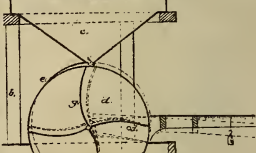
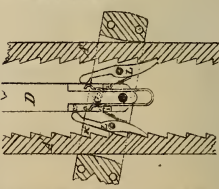


96,863, ALBERT F. ALLEN.
HOSE-LADDER STRAP.96,864, WILLIAM ARNOLD.
WASHING-MACHINE96,865, BENJAMIN BACON.
REVERSIBLE SAFETY-PINION FOR
WATCHES.96,866, JOHN A. BALL.
CHAIN-ELEVATOR AND BUCKET.96,867, CHARLES E. BANCROFT.
SEAMING-MACHINE.

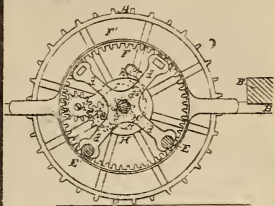
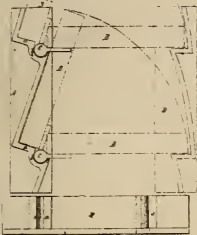
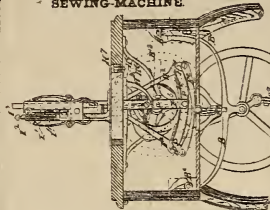
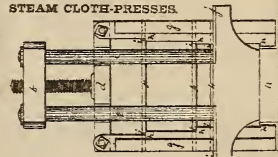
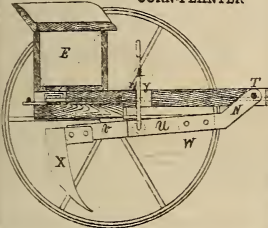
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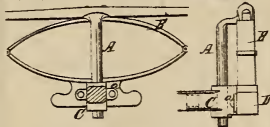
96,869, EDWIN BENNETT FRUIT-JARS.

96,870, ALBERT BETTELEY.
WOOD PAVEMENT96,871, VIRGIL W. BLANCHARD.
PRESERVING FRUITS, MEATS,
AND OTHER SUBSTANCES96,872, VIRGIL W. BLANCHARD.
FURNACE AND PROCESS FOR
TREATING AND REDUCING
ORES &c96,873, ELIAM DOORSE.
FASTENINGS FOR FRUIT-JARS.96,874, JAMES M. BOTTUM.
PROCESS AND APPARATUS FOR
ANNEALING METALS.96,875, WORDEN J. BOYCE.
GEO. W. HAINES.
GANG-PLOW.96,876, JOHN F. BOYNTON.
FIRE-EXTINGUISHER96,877, CHAS. B. BRISTOL.
WASHING-MACHINES96,878, THOMAS BROCKETT.
JOSEPH J. BROWN.
GRAIN-METERS.96,879, GEORGE W. BROWN.
SNOW-SHOVEL96,880, DANIEL BULL.
CARRIAGE-JACK.

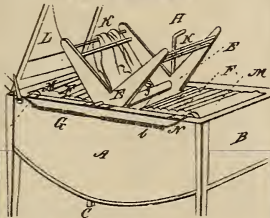
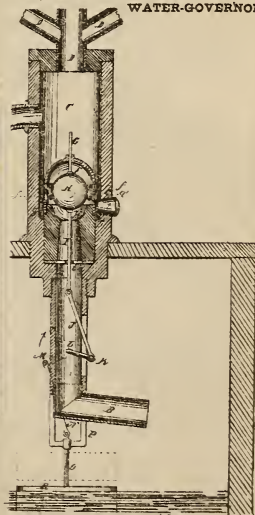
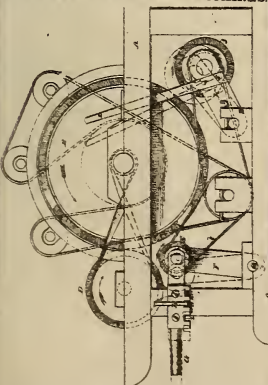
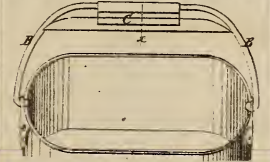
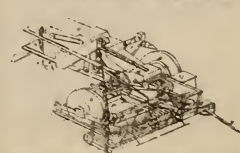
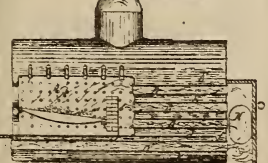
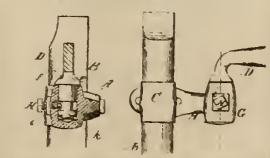
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DRYING-CARS.96,886, P. J. CLEVER.
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STEAM CLOTH-PRESSES.96,883, J. PATTEN CAMPBELL
CORN-PLANTER.

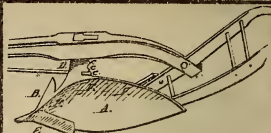
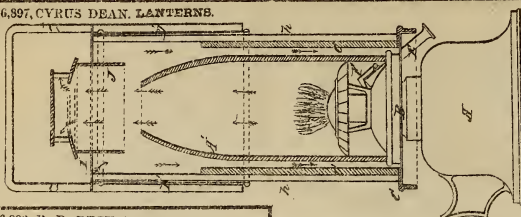
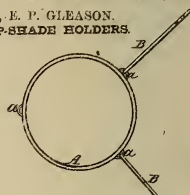
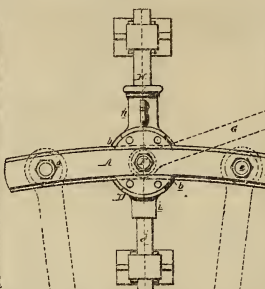
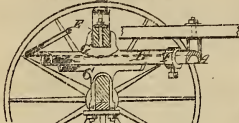
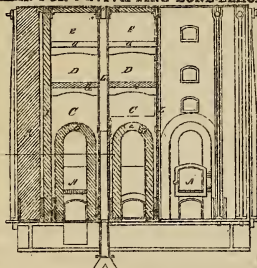
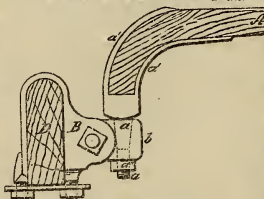
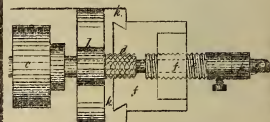
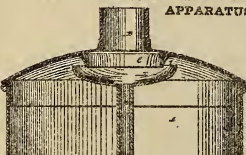
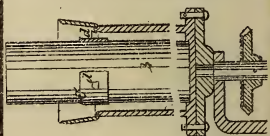
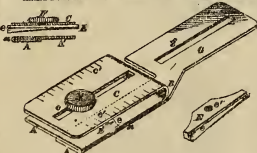
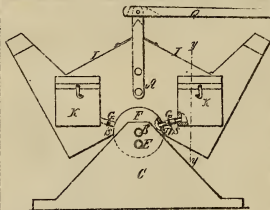
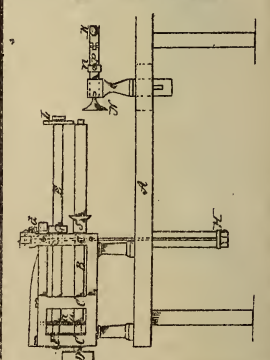
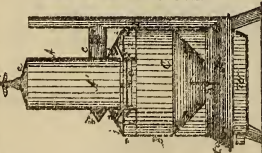
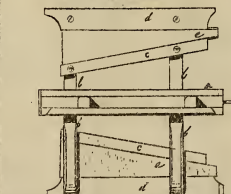
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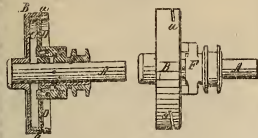
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C. E. CUMMINS.

HORSE HAY-FORKS

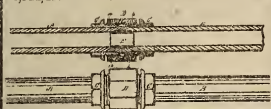
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WASHING-MACHINE.96,895, HENRY CURTNER
WATER-GOVERNORS.96,884, L. M. CAPRON.
STRIPPERS FOR CARDING-MACHINES.96,889, E. T. COVELL.
BAILS AND HANDLES FOR PAILS &c.96,890, E. T. COVELL.
NOZZLES AND SCREW-CAPS FOR
OIL-CANS &c.96,896, WM. G. DAVIS.
L. T. DAVIS.
HARVESTER AND THRESHER96,885, GEORGE CLARK.
STEAM-BOILERS.96,891, WILLIAM H. COX.
THEOPHILUS LAROUCHÉ
THILL-COUPLING.

96,897, CYRUS DEAN, LANTERNS.

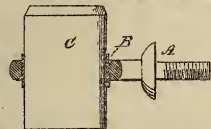
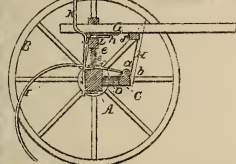
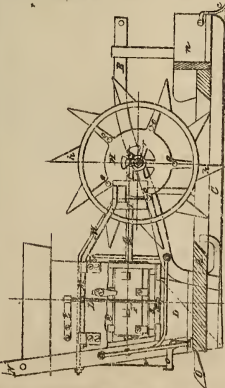
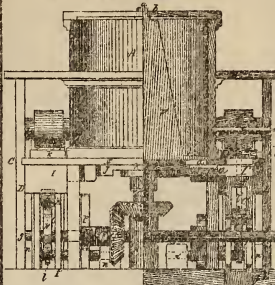
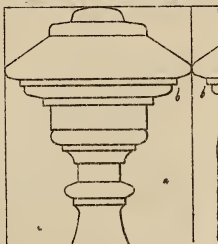
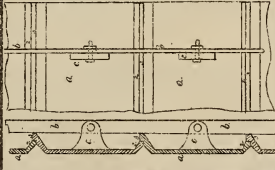
96,908, J. G. GARRETSON.
OLIVER S. GARRETSON.
SASH-HOLDER.96,909, E. P. GLEASON.
LAMP-SHADE HOLDERS.96,898, D. D. DECKER.
CARRIAGE FIFTE-WHEEL.96,889, J. O. DONNER.
KILN FOR REVIVIFYING BONE-BLACK.96,904, CYRUS FISHER.
CARRIAGE-THILL COUPLINGS.96,910, JOHN J. GRANT.
MACHINES FOR CUTTING
THREADS ON BOLTS.96,900, J. O. DONNER.
VACUUM-FANS AND SIMILAR
APPARATUS.96,911, JAMES F. GUTHRIE.
CASTING COPPER TUBES.96,901, THOMAS H. EULASS.
HEMMER FOR SEWING-MACHINE.96,905, FRIEND P. FLETCHER.
VIRIEL W. BLANCHARD.
MANUFACTURE OF IRON AND STEEL.96,912, SAMUEL HALLIWELL.
TUBE-CUTTING MACHINE.96,902, MICHEL G. FAGAN.
BASE-BURNING STOVE.96,906, J. M. FLETCHER.
CHURN-DASHER.96,903, EDWARD FARON.
LINK-MOTION DEVICE FOR
STEAM-ENGINES.96,907, ASAHEL FRANKLIN.
FLOWS.

96,913, MOSES HAWKINS.
FRICTION-CLUTCH.

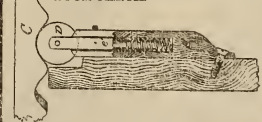
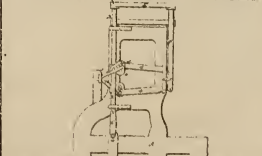
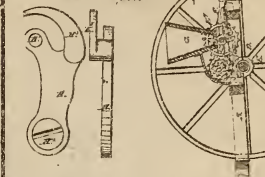
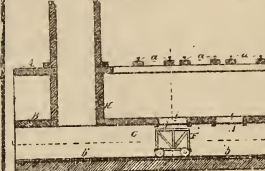
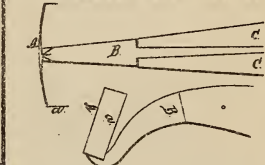
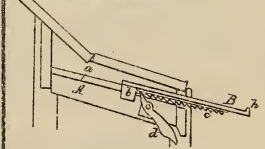
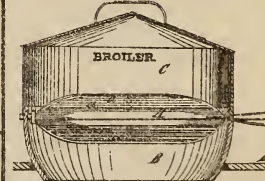
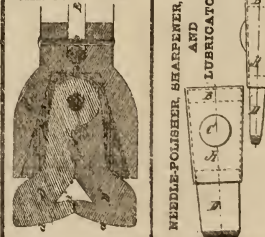
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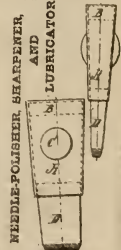
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96,916, JOHN P. HISLEY.
LINING RINGS, BUCKLES, &c.96,917, HENRY W. HOLCOMB.
HORSE-RAKES.96,918, P. HOWARD.
WOODEN PAVEMENT.96,919, O. P. HUMBER.
COTTON-SEED PLANTER.96,920, DAVID J. HUNTER.
BRICK-MACHINES.96,921, T. A. HUNTER.
JOHN BLEWITT.
FACING FOR BUILDINGS.96,922, PETER H. JACKSON.
IRON FRONT FOR BUILDINGS.

96,923, JNO. C. JEWETT. WATER-FILTER.

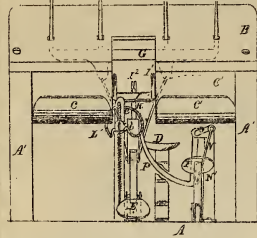
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DOOR-CHECK.96,925, CHAS. H. KNOWLTON.
OPERATING THE JACKS IN LOOMS.96,926, BENJAMIN KUHN.
GRAIN-DRILLS.96,927, ALFRED LAWTON.
RAISING AND MOVING COAL, &c.96,928, FRANZ LEHMANN.
HORSE-SHOERS' HOOF-PARER.96,929, M. T. LINCOLN.
GALLEY-RESTS.96,930, G. H. LINK.
C. D. CURTIS.96,932, FRANK P. LORD.
CAN COUPLING.

96,931, H. W. LITTLER.

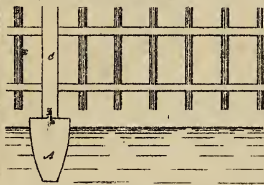


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CHAS. H. SHAFFER.

GRAIN-BINDERS.



96,934, CLOVIS LOWE FENCE.



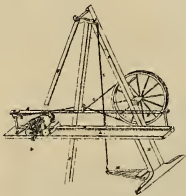
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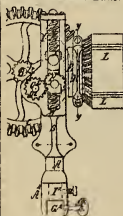
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G. A. MARINER.

COMPOSITION FOR PREVENTING
OXIDATION OF METALLIC WATER OR
GAS-PIPES.

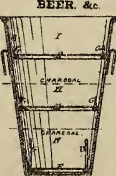
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HAND-SPINNING MACHINES.



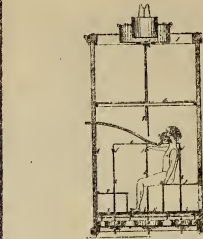
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WM. M. MAYALL.
CORN-SHELLERS.



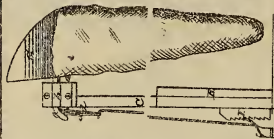
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JAS. MCCORMICK.
BREWING ALE,
BEER, &c.



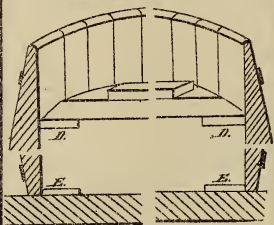
96,940, JOHN McNEVEN.
VAPOR-BATH APPARATUS



96,941, JAMES MCPHAIL, BAG-HOLDERS.



96,942, HENRY W. MILLAR.
CHEESE-HOOPS.

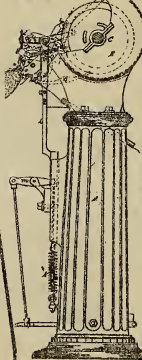


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MEDICAL COMPOUND
FROM OAK-BARK.

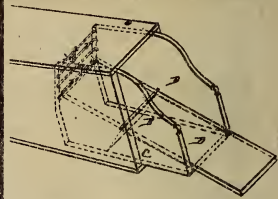
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T. N. MORSE.



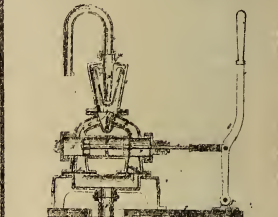
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SEWING-MACHINE
FOR BOOTS AND
SHOES.



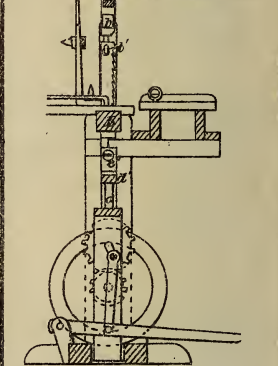
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ANIMAL-TRAP



96,947, SAM'L. R. B. NOWLAN, PUMPS.



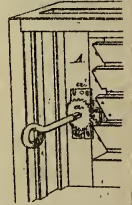
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SAWING-MACHINE.



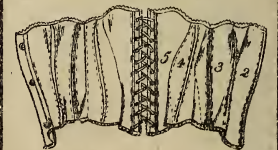
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CHAS. R. OTIS.
SEAMS FOR
TIN CANS.

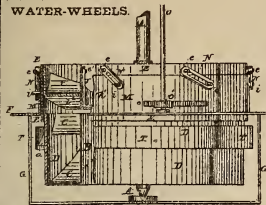


96,950,
OSCAR PADDOCK.
BLIND-SLAT
OPERATOR



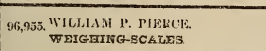
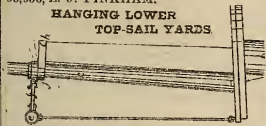
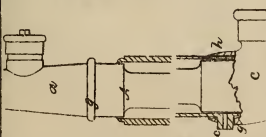
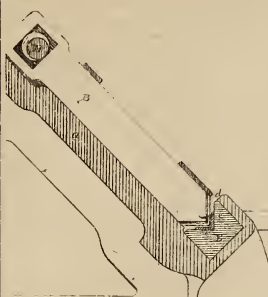
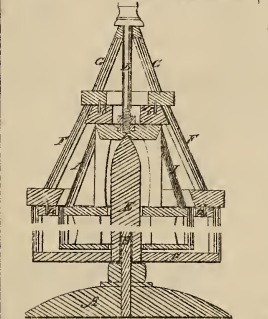
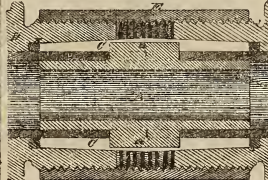
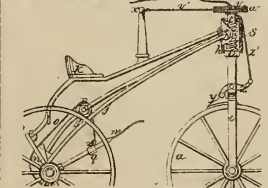
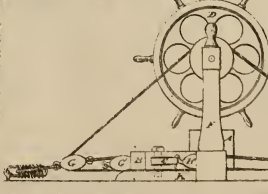
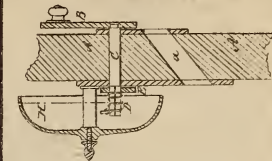
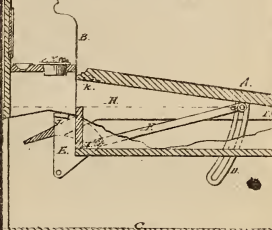
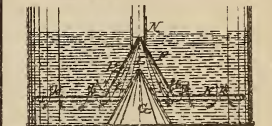
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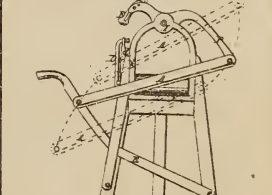
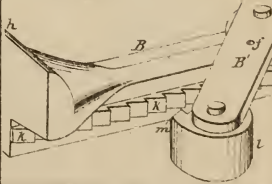
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WATER-WHEELS.

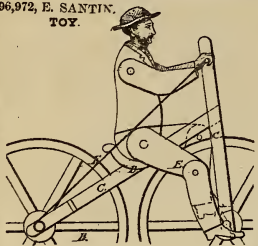
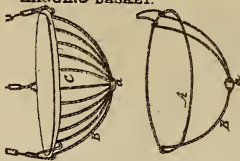
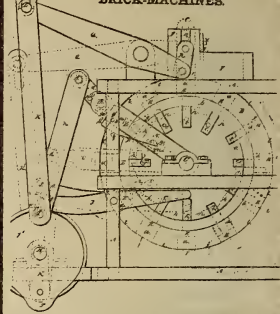
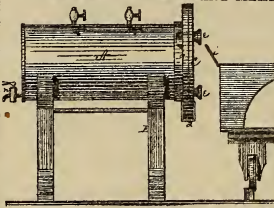
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LIP-SHIELDS.

96,954, CHAS. FELTON PIDGIN.
FABRIC FOR SHIRT-COLLARS.96,955, WILLIAM F. PIERCE.
WEIGHING-SCALES.96,956, E. J. PINKHAM.
HANGING LOWER
TOP-SAIL YARDS.96,957, CHARLES POMEROY.
PIPE-WRENCH.96,958, CHAS. PRATT.
OIL-CANS.96,959, WASHBURN RACE
S. R. O. MATHEWS.
HYDRANTS.96,960, THOS. REANEY.
MACHINE FOR SHEARING
ANGLE-IRON.96,961, J. S. REID
STAND FOR EXHIBITING
PHOTOGRAPHS, &c.96,962, P. W. REINSHAGEN.
COUPLING FOR HOLLOW SHAFTS.96,963, JOSEPH REPETTI.
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96,969, BENOIT ROUX SASH-PULLEY

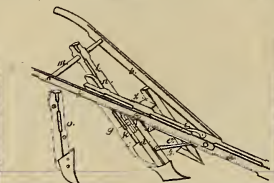
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96,986, ROLAND H. SMITH. LAMP.

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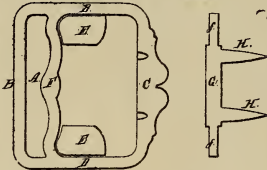
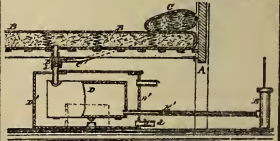
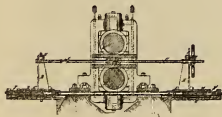
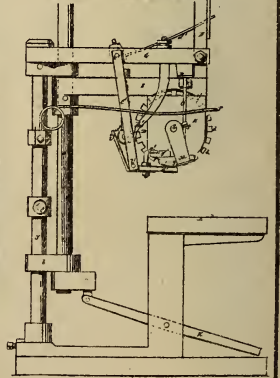
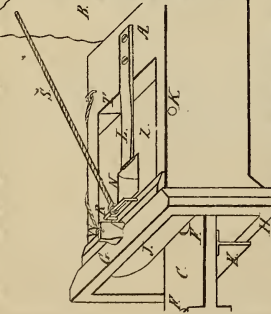
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96,987, THOMAS SMITH, JR.
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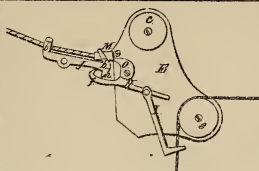
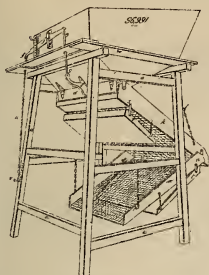
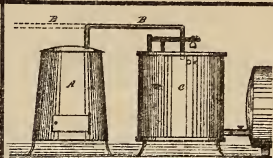
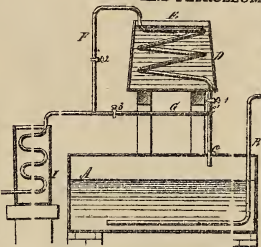
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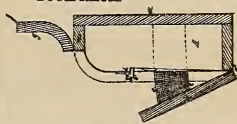
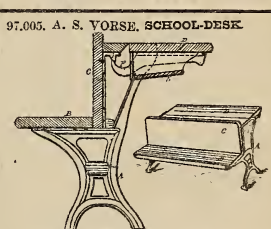
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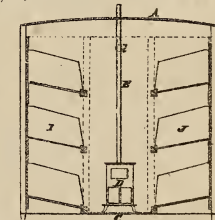
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96,997, A. H. TAIT.
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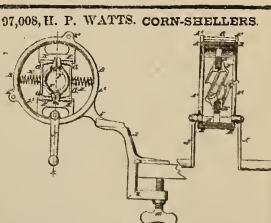
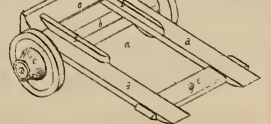
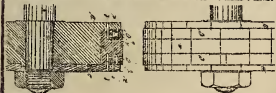
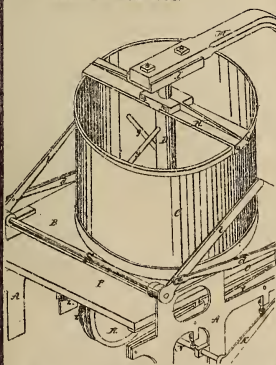
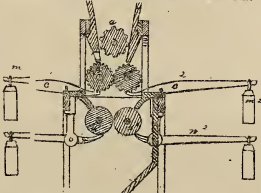
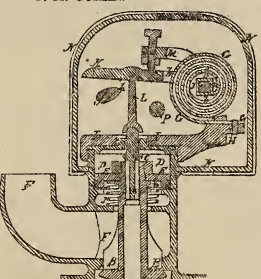
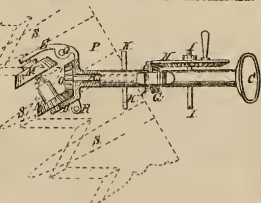
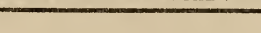
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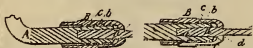
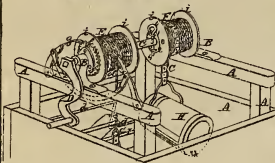
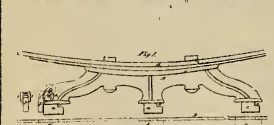
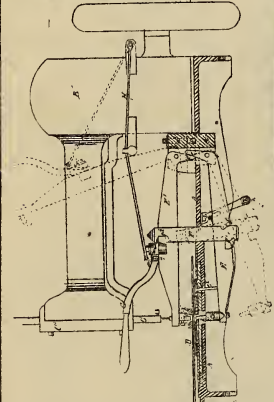
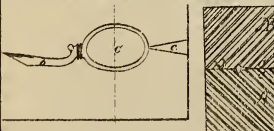
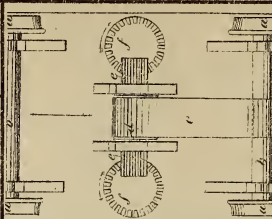
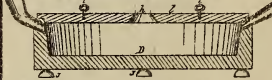
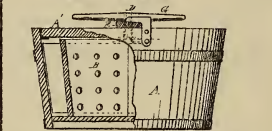
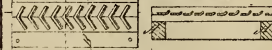
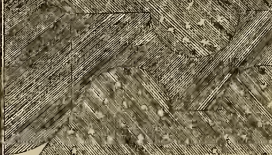
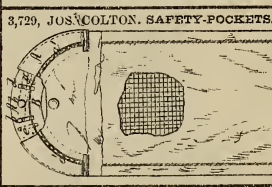
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97,006, JOSEPH M. WARD, DRIER.

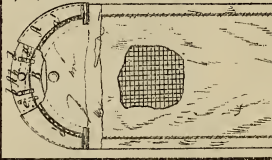
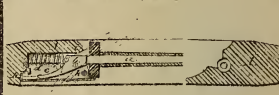


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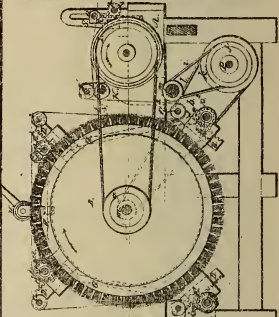
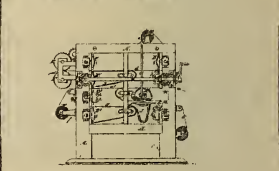
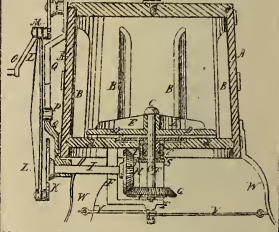
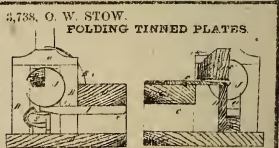
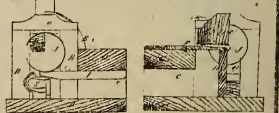
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3,729. JOS. COLTON. SAFETY-POCKETS.

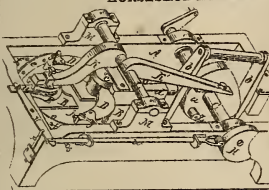
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ISSUED FROM
THE UNITED STATES PATENT OFFICE,
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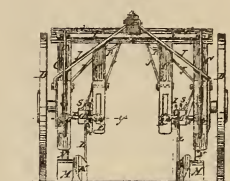
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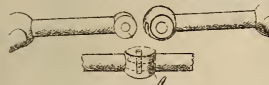
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97,032. S. W. BROCK.
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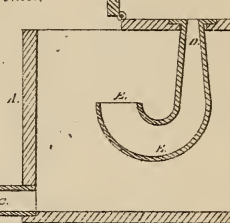
97,022. ALEXANDER P. BALDWIN.
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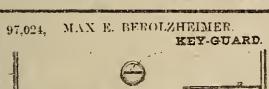
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FIRE-PLACE STOVES.



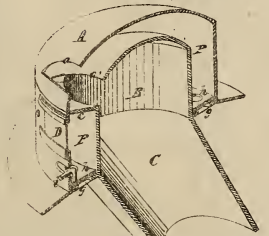
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97,023. JNO. F. BEAZEL.
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97,029. BENTLEY C. BIBB.
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FIRE-PLACE STOVES.



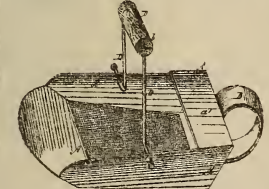
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KEY-GUARD.



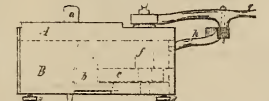
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GEO. BROWNLEE.



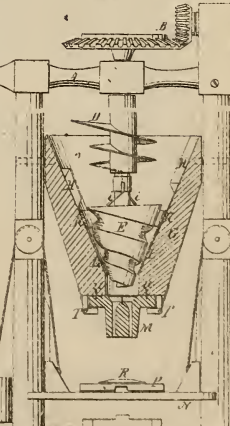
97,025. SCOOP AND SIFTER FOR FLOUR, &c.
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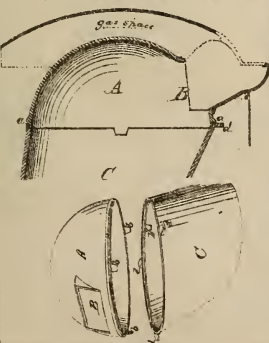
97,030. WILLIAM J. BIRDSALL.
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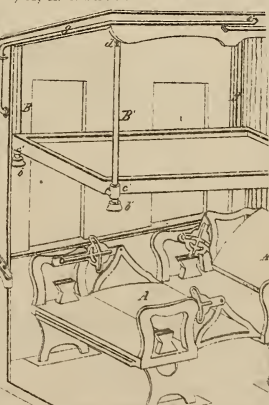
97,035. I. C. BRYANT.
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97,026. BENTLEY C. BIBB.
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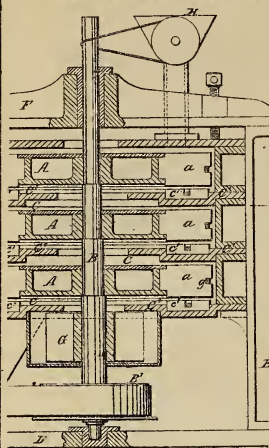
97,031. H. S. BLOOD. SLEEPING-CAR.



97,036.

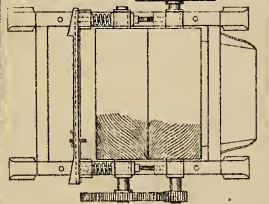
G. A. BUCHHOLZ.

MANUFACTURE OF SEMOLINA



97,037.

G. A. BUCHHOLZ.

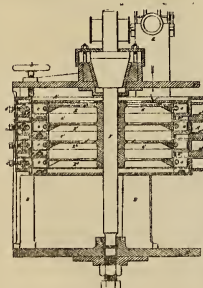
MANUFACTURE, AND MEANS OF
ASSORTING SEMOLINA AND FLOUR

97,038.

G. A. BUCHHOLZ.

MACHINERY FOR MANUFACTURING
SEMOLINA AND FLOUR.

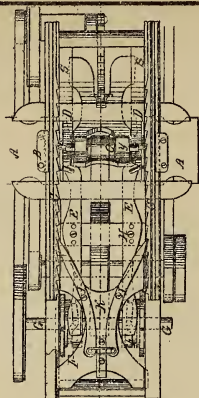
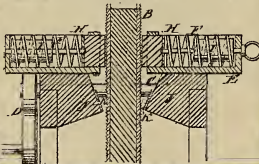
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HULLING-MACHINES.
G. A. BUCHHOLZ.

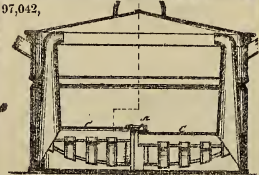
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MARTIN BUCK.

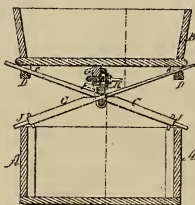
BLIND-MORTISING MACHINES.

97,041. FREDERICK BURGHARDT.
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G. E. CALKINS. WASH-BOILER.



97,043.

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CYRUS C. CARTER.

97,044. H. W. CASS. DRAWBRIDGE.



97,045.

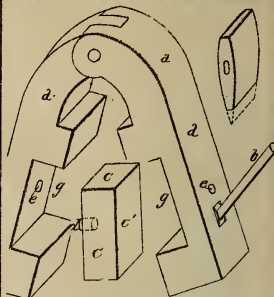
ALFRED H. CASTLE.

COMPOUND FOR INSULATING.

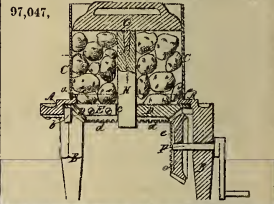
97,046.

LUKE CHAPMAN.

MANUFACTURE OF CAST-METAL DIES



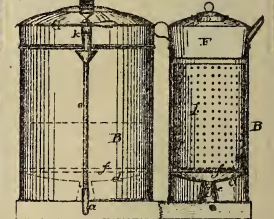
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M. H. CHRYSLER.
VEGETABLE-CUTTER.

COOKING-APPARATUS

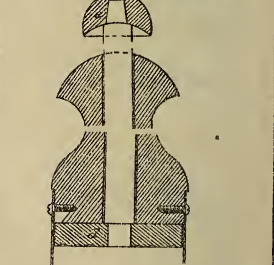
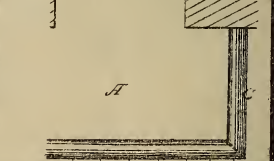
JAMES O. CLAY.

97,048.



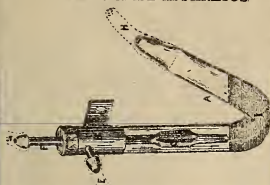
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NATHAN CLOUGH.

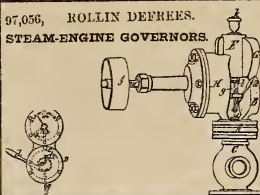
COMBINED BUTTER-CUTTER
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97,050, FIRE-PLACE.

97,051.

JOHN B. COOLIDGE.
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NITROUS-OXIDE APPARATUS.

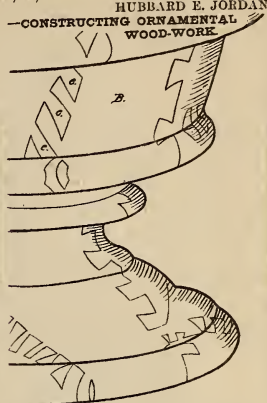


97,056. ROLLIN DEFREES.
STEAM-ENGINE GOVERNORS.

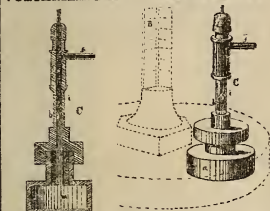


97,050.

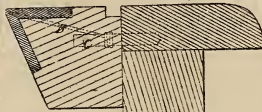
JOSEPH DILL
HUBBARD E. JORDAN.
—CONSTRUCTING ORNAMENTAL
WOOD-WORK.



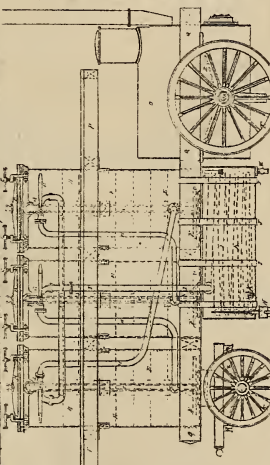
97,052. JOHN B. COOLIDGE.
MERCURIAL REGULATOR FOR
VULCANIZING AND OTHER HEATERS.



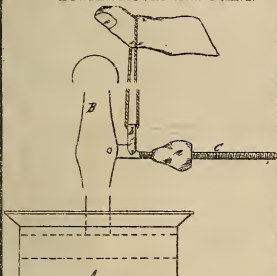
MATHEW DELANY.
97,057 BILLIARD-TABLE CUSHIONS.



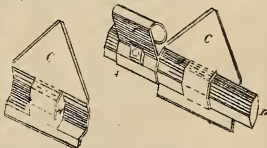
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L. A. DE LIME. PORTABLE STILL.



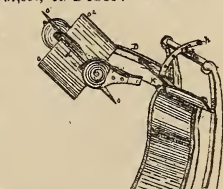
97,058. JAMES S. CORYA.
BUTTER-MOULD AND PRINT.



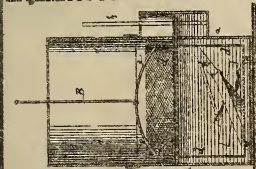
G. L. DU LANEY.
97,062. HARVESTER-CUTTERS.



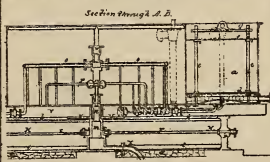
97,063. A. DYSON. CHAIR AND FAN.



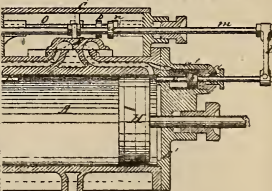
97,054. C. B. COTTRELL.
APPARATUS FOR TEMPERING STEEL.



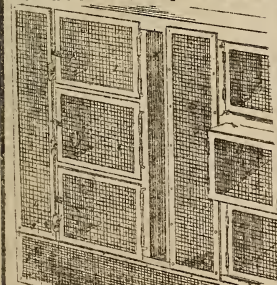
97,059. L. A. DE LIME.
APPARATUS FOR OBTAINING
EXTRACTIVE MATTERS FROM
SUGAR-CANE AND OTHER MATERIAL



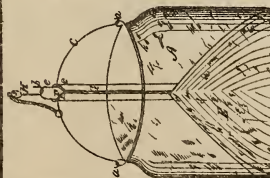
97,064. THOMAS DYSON.
GEORGE SMITH.
STEAM-ENGINE VALVE-GEAR.



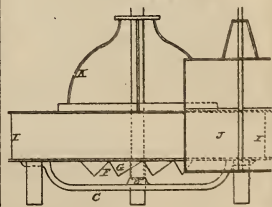
97,065. JEWELL DAVIS.
HIVE FOR RAISING QUEEN BEES.



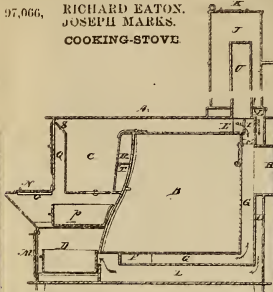
97,061. NAPOLEON B. DIXON.
MYRON W. SPRAGUE.
BAGS FOR GATHERING FRUIT.



97,065. ALBERT A. EASTON.
ARNOLD J. HARRINGTON.
WATER-WHEELS.



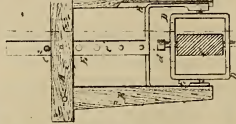
97,066, RICHARD EATON.
JOSEPH MARKS.
COOKING-STOVE



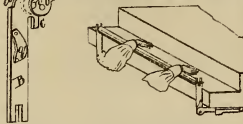
97,072, CHARLES H. GATCHELL.
BLACKING-BOX



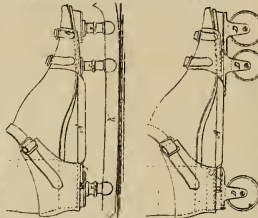
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CULTIVATOR



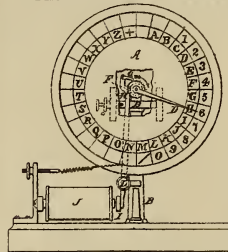
97,074, MARIE GETHER.
HAND-GUIDE FOR PIANOS



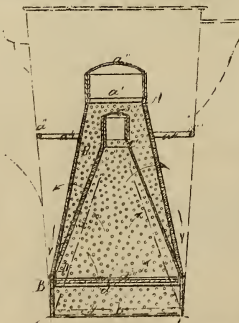
97,075, A. J. GIBSON.
COMBINED ROLLER AND ICE-SKATE



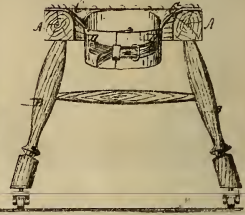
97,076, E. T. GILLILAND.
DIAL-TELEGRAPH APPARATUS



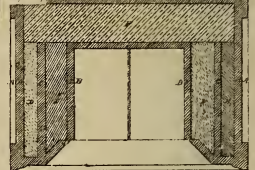
97,077, W. L. GILROY.
DIGESTER FOR COFFEE-POTS.



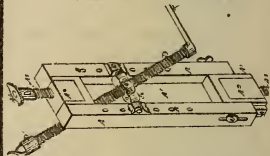
97,078, JOHN C. GOULDING.
BABY-WALKERS



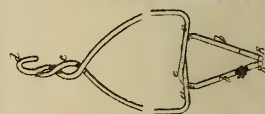
JOHN P. GREELY FIRE-PROOF SAFES
97,079.



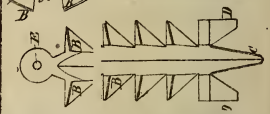
97,080, JOHN GRIMM.
COAL-DRILLING MACHINE



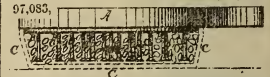
97,081, V. M. GRISWOLD.
CLIP OR PAPER-HOLDER FOR PHOTOGRAPHERS



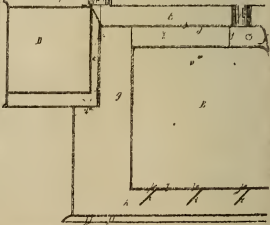
97,082, V. M. GRISWOLD.
PHOTOGRAPHERS' DRIPPING AND DRYING-RACK



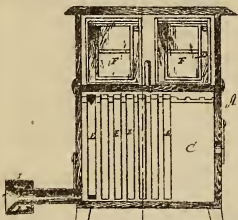
THOS. J. HALL COFFEE-ROASTER.



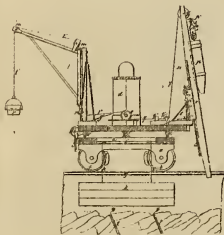
97,084, J. D. HARDEN.
COOKING-STOVE



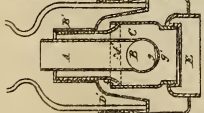
97,067, W. A. ELAM. BEE-HIVES



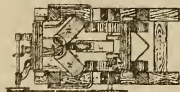
97,068, WM. H. ELLIOT.
EXCAVATING-MACHINE



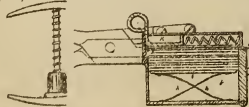
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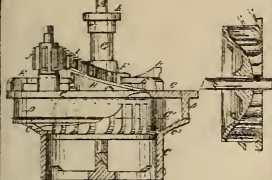
97,070, JOHN GARDINER.
GRAIN-CONVEYERS



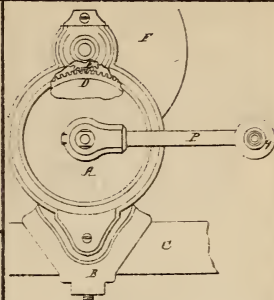
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TICKET-PUNCH



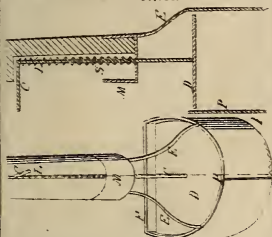
97,085. A. M. HARDING.
TURBINE WATER-WHEELS



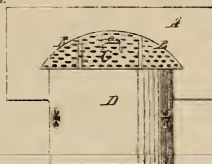
97,093. T. D. KEITH
PLATE-LIFTER AND BREAD-TOASTER



R. B. HERRICK POST-HOLE DIGGERS
C. W. WICKER. 97,086.



97,094. PHILIP KLOTZ.
FIRE-PLACE STOVES



JOEL MANCHESTER.
97,099. COMBINATION POCKET-RULE

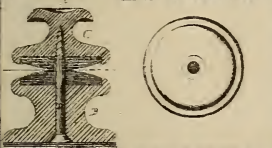


97,087. FRANK N. HOPKINS.
COMPOSITION-FUEL

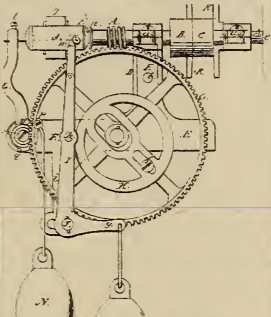
97,088. FRANK N. HOPKINS.
CONGLOMERATE FOR PAVING,
ROOFING, AND SIMILAR PURPOSES.

97,089. FREDERICK HOWER.
WHOOPIING-COUGH PLASTER

97,090. W. H. HOWLAND.
KNIFE-SHARPENER



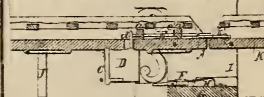
97,095. LUCIUS J. KNOWLES.
MACHINES FOR WINDING
THREAD ON BOBBINS, &c.



97,100. FREDERICK MARRIOTT.
AERIAL STEAM-CARS

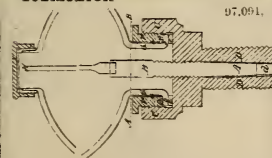


97,101. JOHN McDONALD.
COMBINED BED AND
MUSICAL-INSTRUMENT BOARD

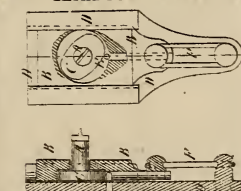


LUBRICATOR JONA. J. HOYT.

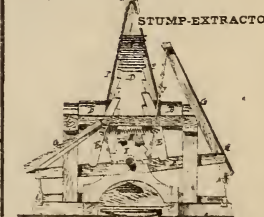
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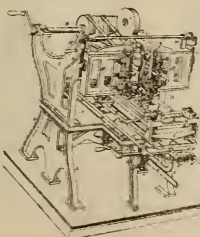
97,096. RAMSEY LAWSON.
LATHE FOR TURNING OVALS



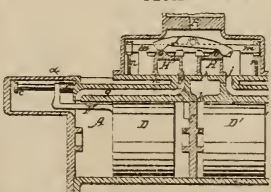
97,102. ALEXANDER McLEOD.
STUMP-EXTRACTOR



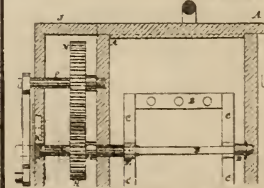
97,092. PANELLING-MACHINE
NICHOLAS JENKINS



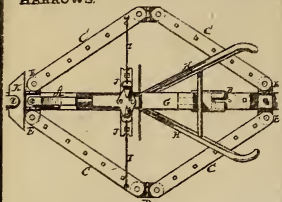
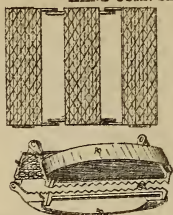
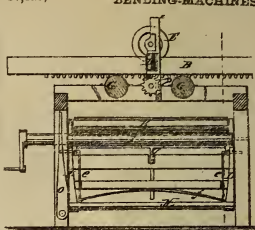
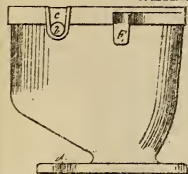
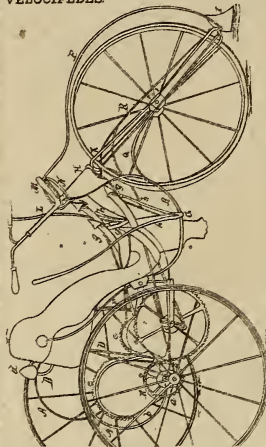
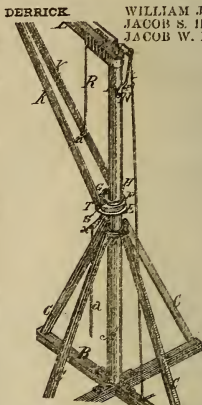
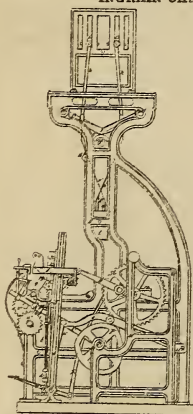
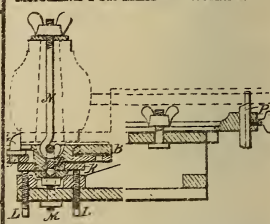
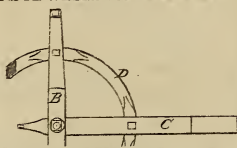
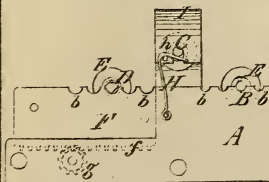
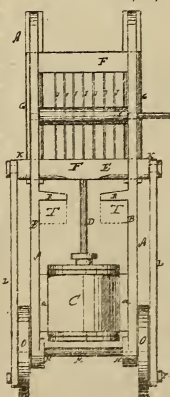
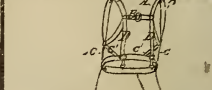
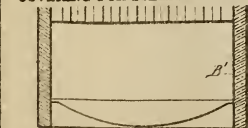
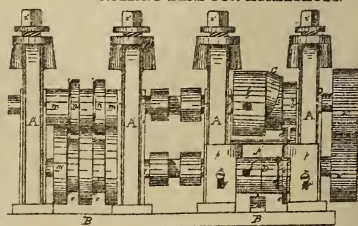
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FLUID-METERS



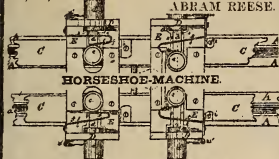
97,103. FRIEDRICH MILLER.
CHURNS



97,098. THOS. LORING
GRINDSTONES

97,104. JOHN H. MILLER.
HARROWS.97,109. CHARLES M. O'HARA.
HAND CORN-SHELLER.97,113. DAVID PIERCE.
BENDING-MACHINES.97,105. GEO. R. MOORE.
WATER-CLOSETS.97,110. JOSEPH IVES PEASE.
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JACOB S. HANGER.
JACOB W. PIPEL.
DERRICK.97,106. WILLIAM MURKLAND.
JOHN W. MURKLAND.
POWER-LOOM FOR WEAVING
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MACHINE FOR MAKING WHEELS.97,111. J. A. PECK.
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COVERING FOR STEAM-BOILERS.97,117. ABRAM REESE.
MACHINE FOR
ROLLING BARS FOR HORSESHOES.

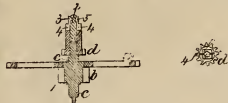
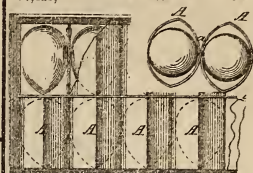
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JACOB REESE.
ABRAM REESE.

HORSESHOE-MACHINE.

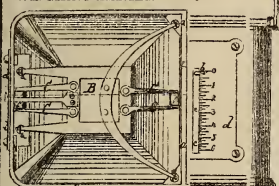
97,123,

ERNEST SANDOZ.

OF WATCHES
SECURING THE CANNON-PINIONSAUSTIN S. SMITH.
97,129,
DEVICE FOR PACKING EGGS FOR
TRANSPORTATION.C. FENNE.
F. LANDENBERGER.

97,119.

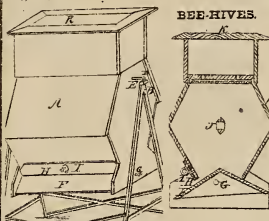
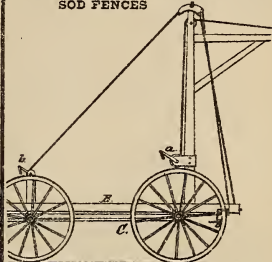
WEIGHING-BASKET.



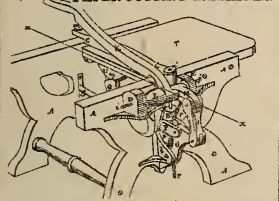
97,124,

RILEY SANFORD.

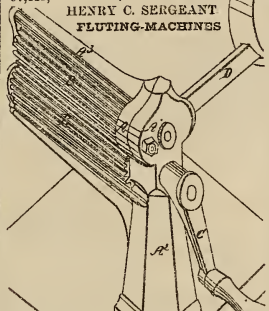
BEE-HIVES.

CYRUS W. SMITH.
97,130.
APPARATUS FOR BUILDING
SOD FENCES

97,120,

T. C. ROBINSON.
PAPER-CUTTING MACHINES.

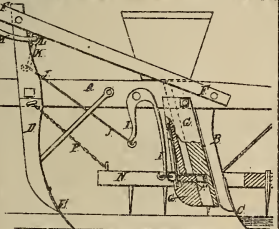
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HENRY C. SERGEANT
FLUTING-MACHINES

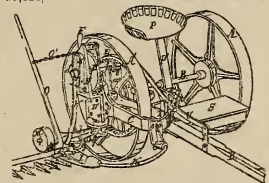
97,121,

JOHN A. ROCKWOOD.

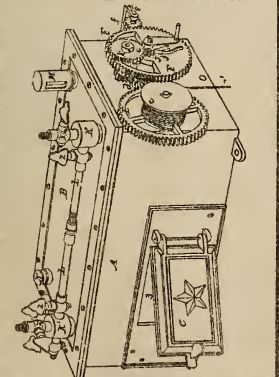
COMBINED PLANTER AND CULTIVATOR



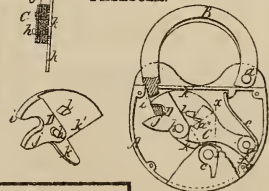
97,126,

WILLIAM H. SEYMOUR.
MOWING-MACHINE.

97,122,

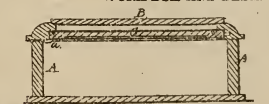
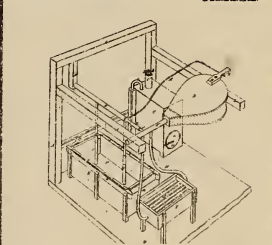
MARCUS A. ROOT.
JACOB D. CUSTER.
PORTABLE GAS-APPARATUS
AND CARBURETTER.

97,127,

THOS. SLAIGHT.
PADLOCKS.

97,128,

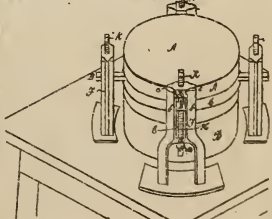
C. W. SMALL. WORK-BOX AND DESK.

P. W. STRONG.
97,131.
APPARATUS FOR MANUFACTURING
CHEESE

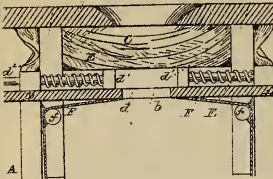
97,132,

STAIR-ROD.
JOSEF STUEHLER.97,133.
BUCKLE.

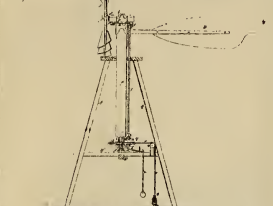
HENRY R. SWAN.

GEORGE S. THOMPSON.
BALANCING MILLSTONES 97,134,

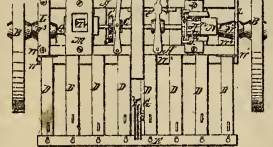
97,133, CHARLES TRUE.
CLOSE STOOLS AND CLOSETS.



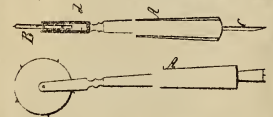
WILLIAM I. TUSTIN. WINDMILLS.
97,136.



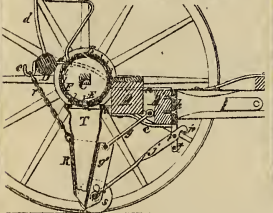
W. A. VAN BRUNT. SEEDING-MACHINE.
97,137.



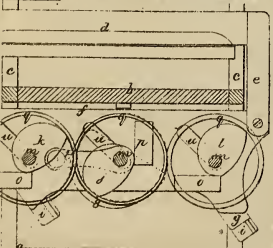
HERMANN VON SCHLAGINTWIRT-SAKUNLÜSKY.
97,138, REVOLVING SCALES.



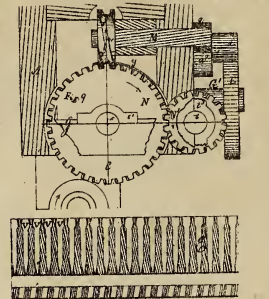
97,139, DAVID F. WAGNER.
CORN-PLANTERS.



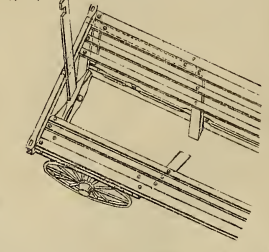
97,140, F. L. WALKER.
PAPER-CUTTING MACHINES.



97,141, WILLIAM WICKERHAM.
MACHINE FOR MAKING NAILS
FOR HORSESHOES.



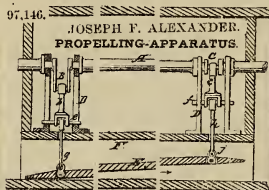
WAGON-LADDER ISAAC WILLIAMS.
97,142.



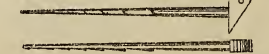
CHARLES ABRESCH.
97,143, PROCESS OF BREWING BEER.

97,144, SUSPENDED.

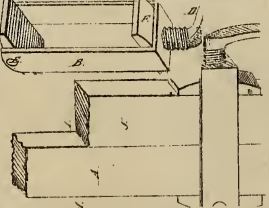
97,145, REUBEN A. ADAMS.
CURING AND PRESERVING FISH.



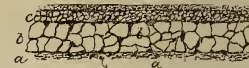
97,147, N. I. ALLEN.
J. C. MOODY.
SPINDLES FOR LOOM-SHUTTLES.



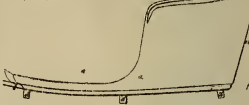
97,148, EDWIN R. AUSTIN.
STEP LADDERS.



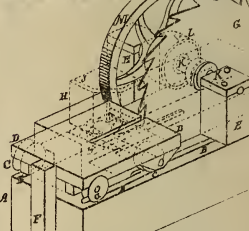
97,149, D. W. BAILEY.
CONCRETE PAVEMENT.



S. R. BAILEY. SLEIGHS.
97,150,



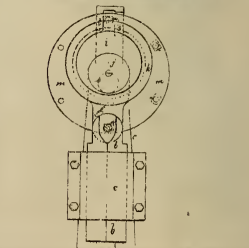
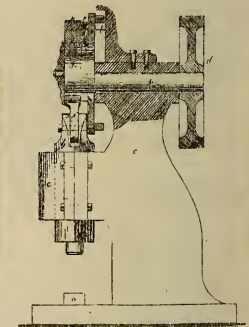
97,151, D. H. BALL.
MACHINE FOR SAWING
SHINGLE-BOLTS.



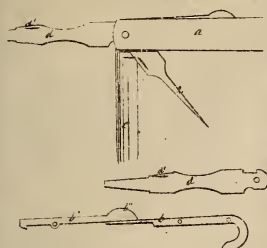
97,152, JAMES BALL.
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97,153, ROBERT L. BAROLAY.
PROGRESSIVE RECIPROCATING
MOTION FOR STAMPING AND
OTHER MACHINES.

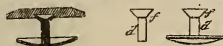


97,154. FRANCIS H. BARNARD.
WALTER L. BRACE.
POCKET-KNIFE

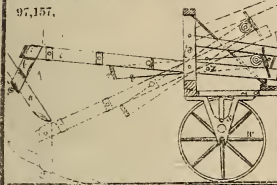


97,155. JOS. B. BIDWELL.
CONFECTION FROM RAISINS.

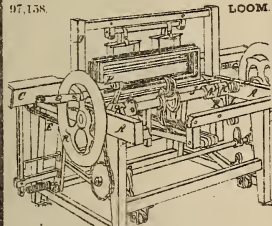
WILLIAM H. BLAKE.
97,156. METHOD OF FORMING
SLEEVE-BUTTON SHANKS.



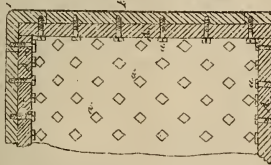
97,157. HORSE-RAKE. OLPHA BONNEY, JR.



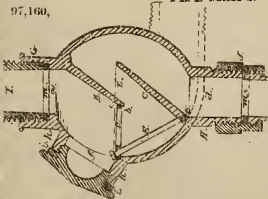
97,158. JESSE L. BRANSON.
LOOM.



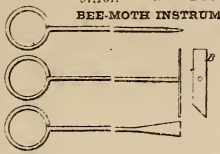
97,159. MARTIN BRIGGS. SAFES



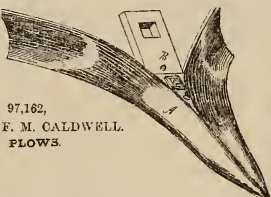
CHAS. H. BURLEIGH.
PIPE TRAPS.



97,161. R. P. BUTTLES.
BEE-MOTH INSTRUMENTS.



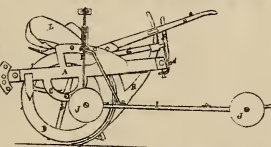
97,162. F. M. CALDWELL.
FLOWS.



97,163. FREDERICK J. CALHOUN.
RAILWAY-FROG.



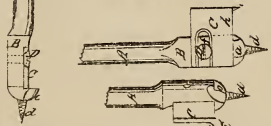
97,164. HENRY CARTER.
DITCHING-MACHINE.



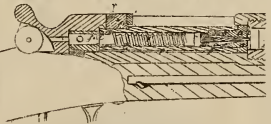
97,165. PETER F. CEDERHOLM.
SYRINGES.



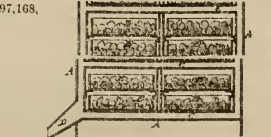
97,166. H. P. CHAPMAN.
EXTENSION-BIT.



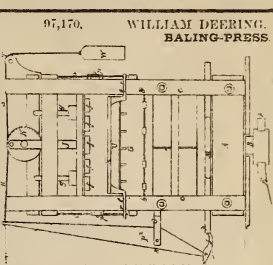
97,167. A. A. CHASSSPOT.
BREECH-LOADING FIRE-ARMS.



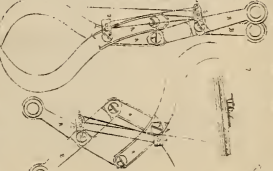
97,168. WILLIAM R. CLARK.
FRUIT-DRIER.



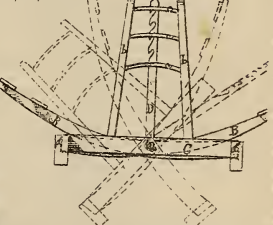
97,169. BENJ. ROWLAND CROASDALE.
BAG FOR GUANO, PHOSPHATES,
AND OTHER FERTILIZERS.



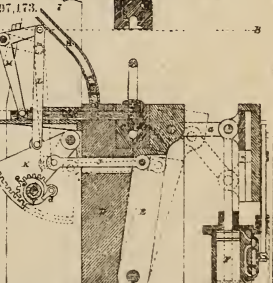
97,171. JOHN J. DE GRUMOND.
HORSE HAY-FORKS.



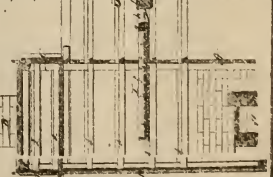
97,172. GEORGE DENIS.
GEORGE GRASSAL. HAY-RACKS.



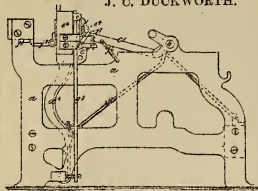
97,173. WILLIAM DENNISON.
MACHINES FOR MAKING CHAINS.



97,174. ELIAS DILDAY.
FRUIT-DRIER.

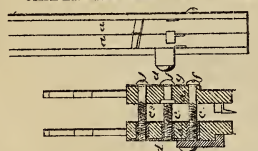


97,175. GEORGE DUCKWORTH.
WILLIAM DUCKWORTH.
JAMES DUCKWORTH.
J. C. DUCKWORTH.
LOOMS.

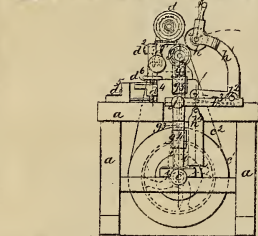


97,176.
WRIGHT DURYEA.
VELOCIPED-WHEEL.

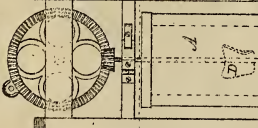
97,177. THEODORE X DUVAL.
mark.
CARPENTERS' GROOVING-PLANE



97,178. R. EICKEMEYER.
MACHINES FOR POUNCING HATS.

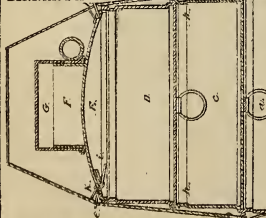


97,179. EDWIN R. EMBRY. CHURNS.



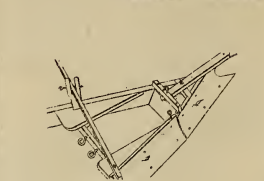
97,180. E. C. EVENS. LINIMENT.

97,181. JOHN O. FAIRBAIRN.
DINNER-PAIL

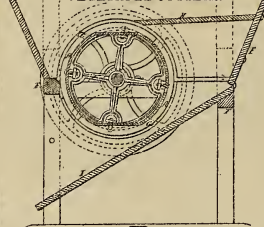


97,182. L. S. FALES.
MODE OF RECOVERING THE SPENT
ACID FROM OIL-REFINERIES.

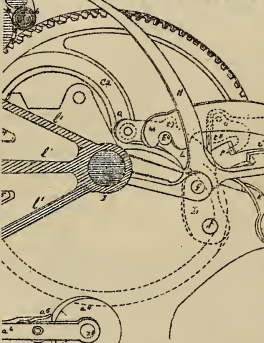
97,183. E. L. FOREMAN.
DITCHER AND GRADER.



97,184. WARREN GALE.
VEGETABLE-CUTTERS.



97,185. MERRITT GALLY.
PRINTING-PRESSES.



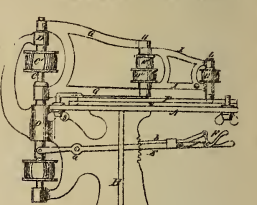
97,186. JOSEPH GARDNER, JR.
INDICATOR FOR MAIN-SPRING
OF WATCHES.



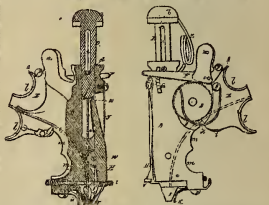
97,187. HIRAM GARY.
LOOSE-GRAIN FORKS.



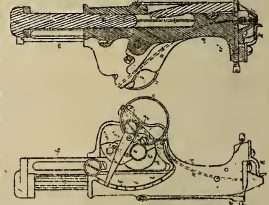
97,189. W. W. GLESTWORTH, M. D.
WM. H. GANDEY.
PAPER FELT OR WADDING.



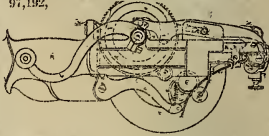
97,190. LOUIS GODDU.
MACHINES FOR NAILING
SHOE-SOLES WITH WIRE



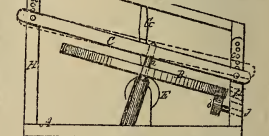
97,191. LOUIS GODDU.
MACHINES FOR NAILING
SHOE-SOLES WITH WIRE



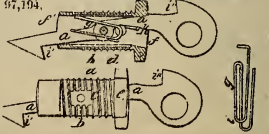
97,192. LOUIS GODDU.
MACHINES FOR NAILING
SHOE-SOLES WITH WIRE

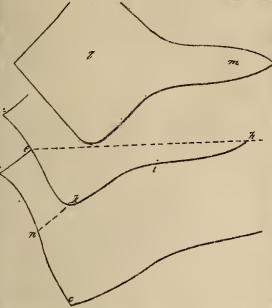


97,193. JOHN B. HALL.
ANIMAL-POWER

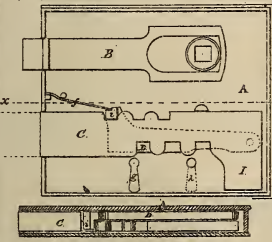
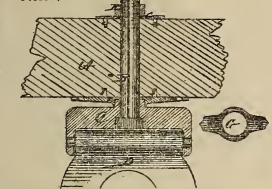
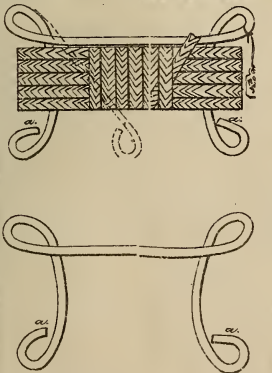


97,194. RANDOLPH HAYDEN.
SHUTTER-FASTENING.

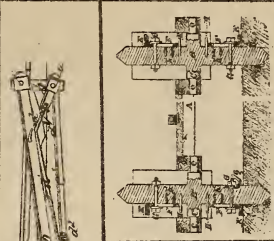
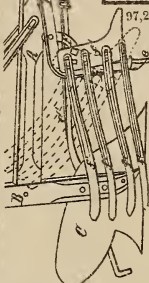
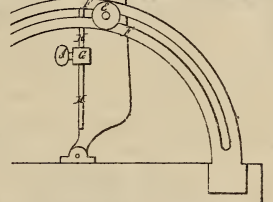


97,195, HORACE P. HAYWARD.
MODE OF CUTTING SHOES.

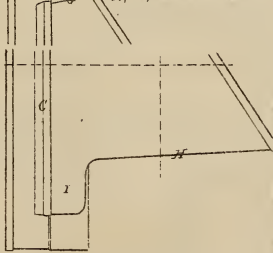
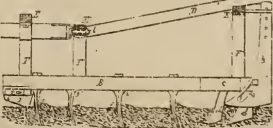
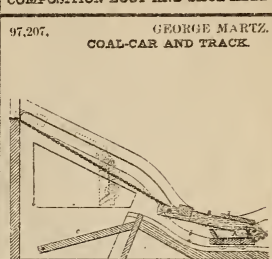
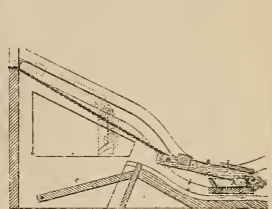
97,196, LOCK. ALEXANDER INGLIS.

JOHN JACOBS. NECK-YOKE.
97,197.97,198, ALVA F. JENNINGS.
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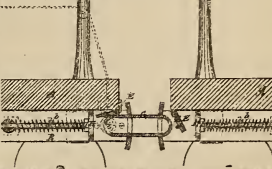
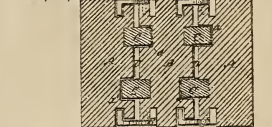
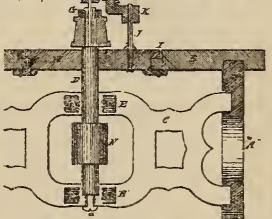
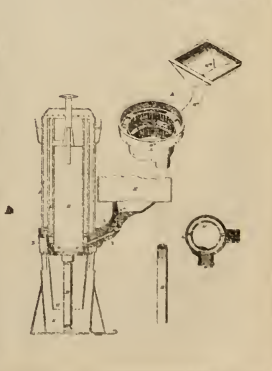
97,199, SUSPENDED.

DANIEL KEITHLER
97,200, CORN-PLANTERS.97,201, A. B. KING.
CULTIVATORS.97,202, FRANCIS L. KING.
BORING-MACHINE.

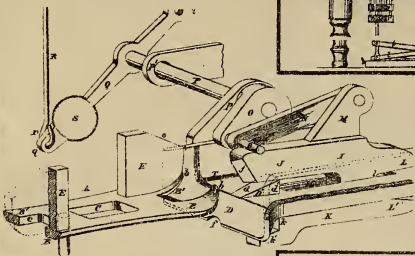
97,203, FLIERS FOR SPINNING.

WILLIAM LA BANISTER.
CHAS. W. RICKER.BENJAMIN S. LAWSON.
97,204, CAR-REPLACER.JOHN LERCH. COMBINED HARROW
97,205, AND CULTIVATOR.97,206, FRANK MARQUARD.
COMPOSITION BOOT AND SHOE-HEEL.97,207, GEORGE MARTZ.
COAL-CAR AND TRACK.

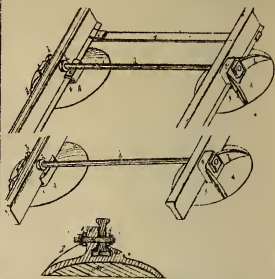
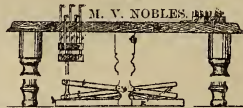
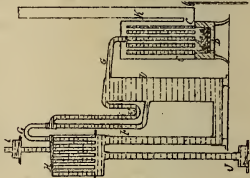
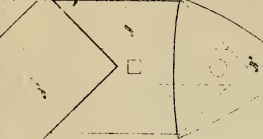
97,208, CAR-COUPLING. CHARLES MAUS.

97,209, TABLE-SLIDE SEYMOUR MAY.
JOHN HOOPER.97,210, WM. McCONNELL.
MOULDING-MACHINE.97,211, LEWIS MICHAELS.
LOCOMOTIVE HEAD-LIGHTS.

97,212.

J. T. MIDDLETON.
CAR-COUPLING.DEVICES FOR FORMING THE SHEED
IN WEAVING WIRE

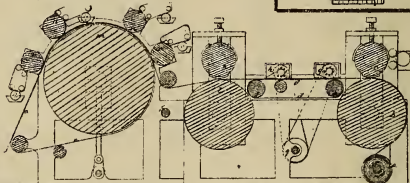
97,218

W. E. PRALL.
97,221. STEAM WATER-ELEVATOR'S.SHOVEL-PLOW PLATE AND POINTS.
97,213. HENRY MILLER.

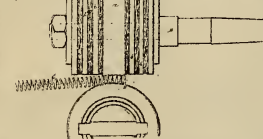
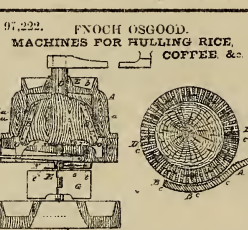
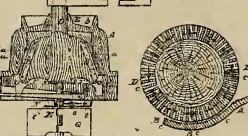
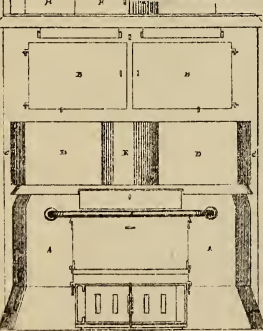
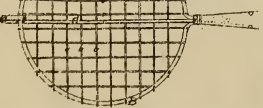
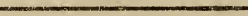
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AARON R. SOTT.
KITCHEN-SINKS.

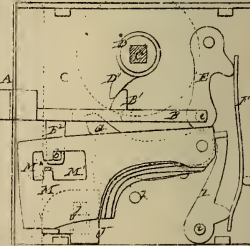
97,221. ELISHA S. ORMSBY.



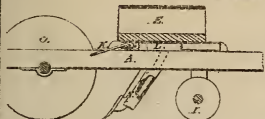
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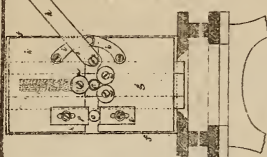
97,227. FRANZ PROCKERT. LOCK.

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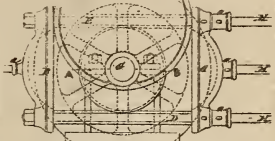
97,229,

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FRED. J. SEYMOUR.
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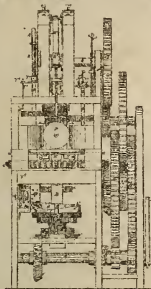
97,240.

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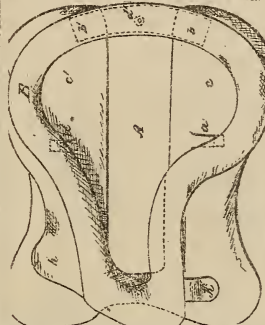
C. A. RODNEY.

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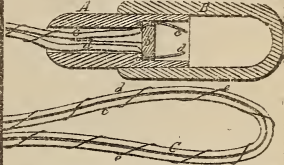
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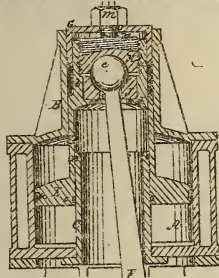
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97,231.

JOHN B. ROOT.

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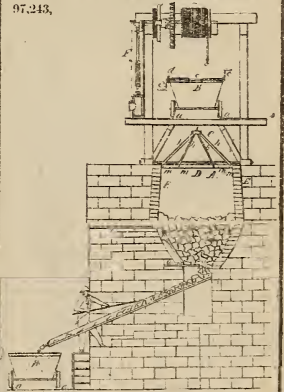
A. LEWIS SPEAR.

RAILWAY-CAR COUPLING.



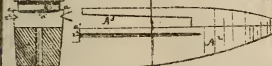
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JAMES B. SPEED. LIME-KILNS.

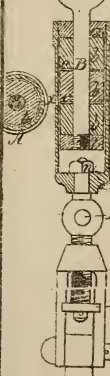


97,232.

JACOB RUMMEL, JR.

METHOD OF RENOVATING THE
CUTTING-EDGES OF HARVEST-
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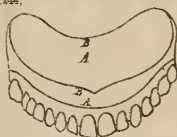
97,233.

WM. H. SHOCK.
SPRING TURNBUCKLE
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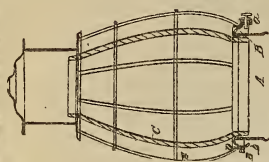
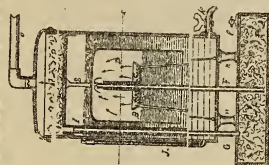
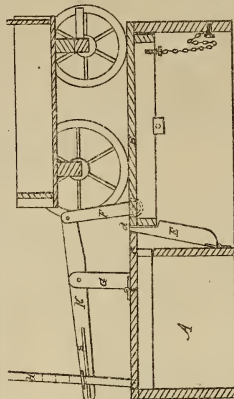
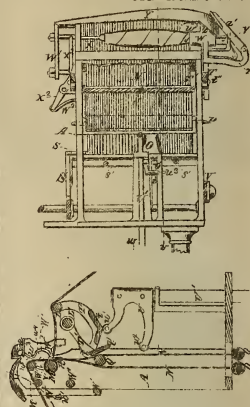
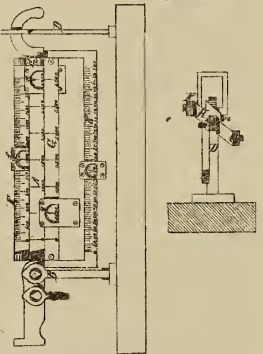
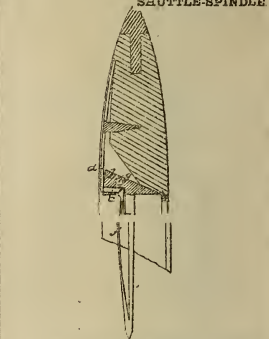
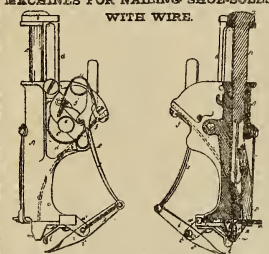
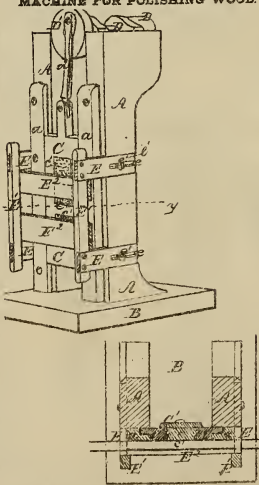
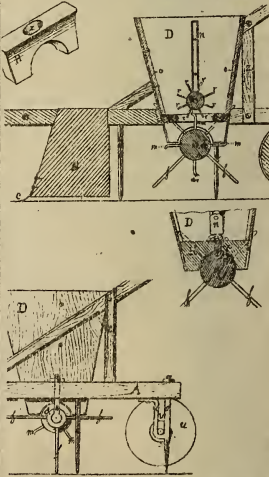
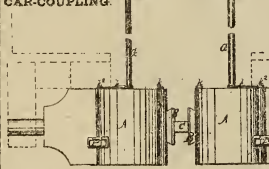
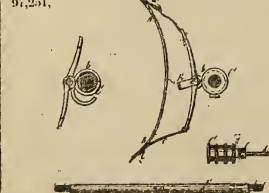
W. S. SHOEMAKER.
E. H. SHOEMAKER.
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97,244.

JOHN A. STRAIGHT.
PLATE FOR ARTIFICIAL TEETH.

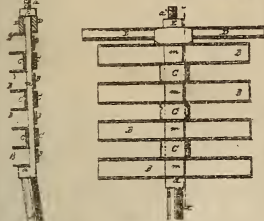
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DAVID COHN.
CLOTHES-MANGLE

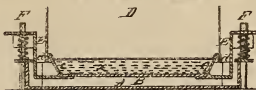
97,246. NATHAN THOMPSON.
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97,258, J. E. YAGER.

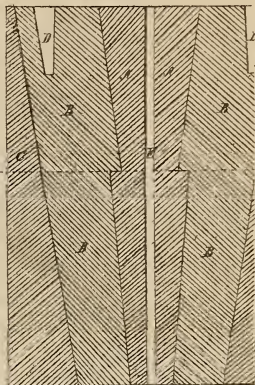
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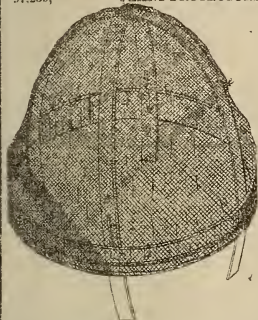
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E. T. COVELL.
SOLDERING-MACHINES.

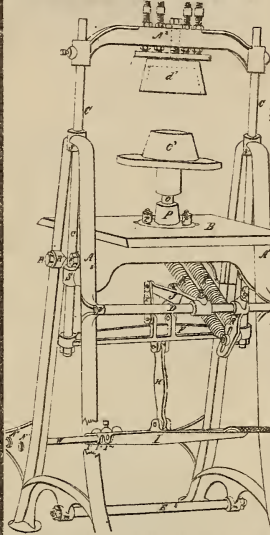
3,744,

PETER NAYLOR.
MANUFACTURE OF TIN-LINED
LEAD PIPE.

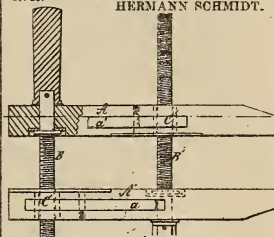
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J. M. WATSON.
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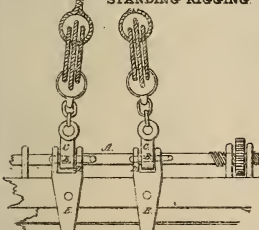
3,741,

GEO. C. HOWARD.
MACHINE FOR PRESSING AND
MOULDING PLIABLE MATERIALS.97,260, WILLIAM WICKERSHAM.
WIRE FOR FASTENING SOLES
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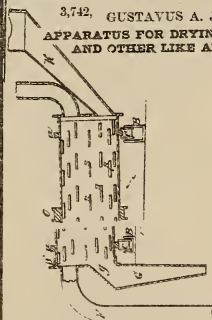
3,745,

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97,261,

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3,742,

GUSTAVUS A. JASPER.
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AND OTHER LIKE ARTICLES.

3,746,

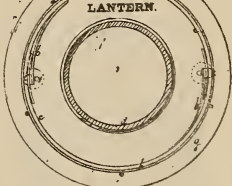
WIRE-SPRING MATTRESS

GEO. B. HAWLEY,
STILES D. SPERRY

97,262,

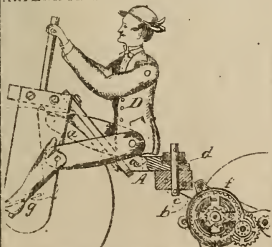
CYRUS S. MOORE.
LUBRICATING-COMPOUND.

3,747,

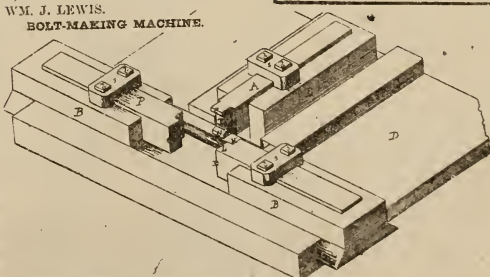
WILLIAM WESTLAKE.
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3,739,

ARTHUR M. ALLEN. VELOCIPEDE.



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WM. J. LEWIS.
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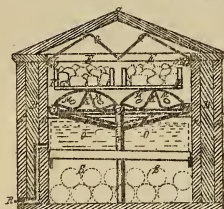
THE UNITED STATES PATENT OFFICE

NOV. 30, 1869.

97,263, JAMES C. ANDERSON.
SASH-BALANCE.



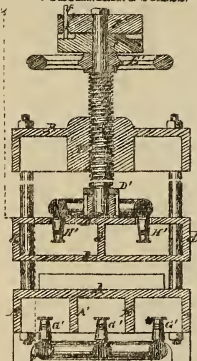
97,264, LAWRENCE ANGSTER.
REFRIGERATOR FOR CONDENSING
VAPORS FROM FERMENTING-VATS IN
BREWERIES.



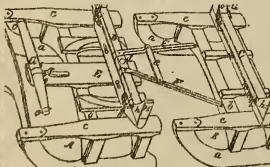
97,265, C. W. ARMSTRONG. COMPRESS.



97,266, JOSEPH BANIGAN.
VULCANIZING-PRESS.

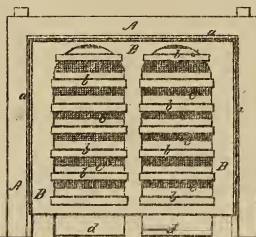


97,267, ALBERT E. BAXTER.
LOGGING-SLEDS.

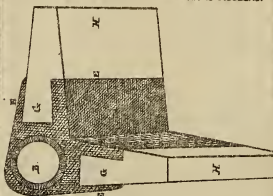


97,268, WILLIAM GIBSON BELL.
MODE OF CURING BACON, HAMS,
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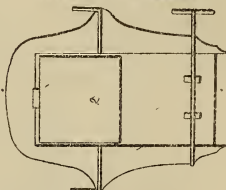
97,269, H. BERDAN.
JOHN BANTLY.
VENTILATING WINDOW-BLIND.



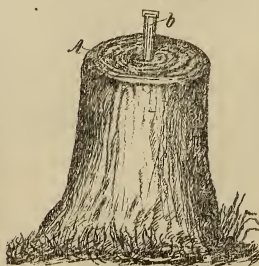
97,270, CHARLES BRADWAY.
FASTENING FOR BEDSTEADS.



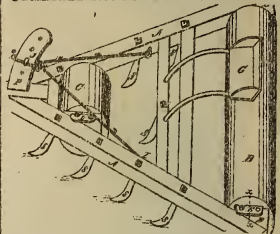
97,271, GEORGE V. BUNKER.
LAMP-EXTINGUISHERS



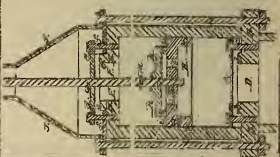
97,272, CHARLES CANFIELD.
HENDERSON WILLARD.
DEVICE FOR CLEARING
LAND OF STUMPS



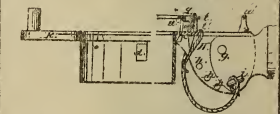
97,273, JOHN B. CATEY.
COMBINED ROLLER AND CULTIVATOR



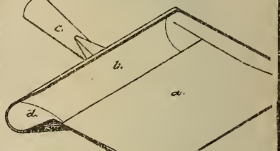
97,274, EDWARD S. CAYNAH.
DAVID YEAGLEY. PUMPS.



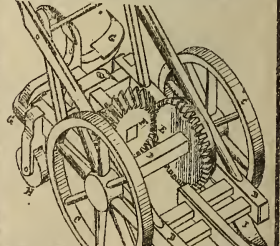
97,275, LORENZO D. COGSWELL.
FRUIT-PICKERS.



97,276, FRANCIS L. DANIELS.
DUST-PAN.



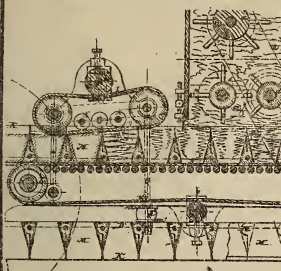
97,277, MAJOR E. DAVIS.
COMBINED REVOLVING HOE
AND COTTON-CULTIVATOR



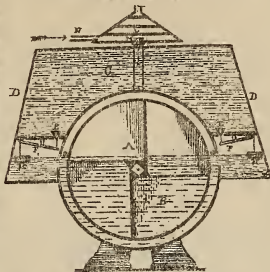
97,278, DAVID L. DE GOLYER,
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97,279. AUG. DIETZ.

MACHINE FOR THE MANUFACTURE
OF ARTIFICIAL FUEL AND FOR COM-
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STANCES INTO COMPACT MASSES.

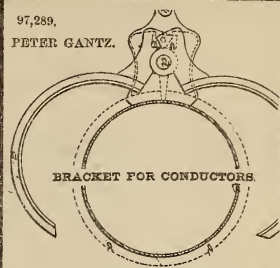


97,284. CLEVELAND F. DUNDERDALE.
APPARATUS FOR PRODUCING
ILLUMINATING-GAS.



97,289.

PETER GANTZ.



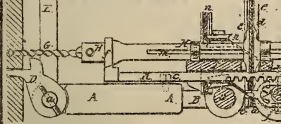
BRACKET FOR CONDUCTORS.

97,290. JOHN H. GARRIGAN.
FRANCIS L. HALL.

FAUCET-ATTACHMENTS TO CANS.

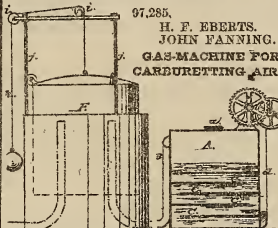


97,280. EVERED C. DODGE.
BORING-MACHINE.

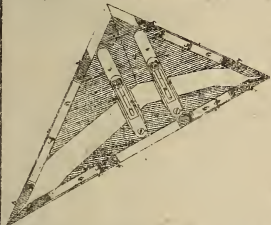


97,285.

H. F. EBERTS.
JOHN FANNING.
GAS-MACHINE FOR
CARBURETTING AIR.



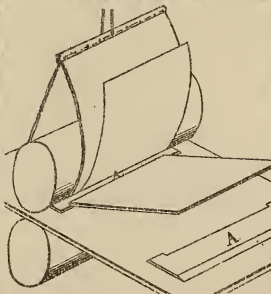
97,281. JOHN R. DREW. FITCH-BOARDS.



97,286. JACOB EDSON.
BOOT-CRIMPER SCREW.

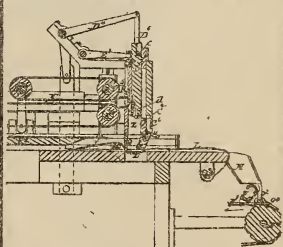


97,287. JOSEPH ENTHOFFER.
PLATE-PRINTING FOR COLORS.

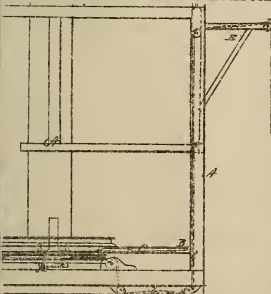


97,292. WM. HALL.

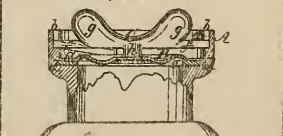
R. J. BENNETT. FOR FORMING
CIGARS AND PLUG-TOBACCO.



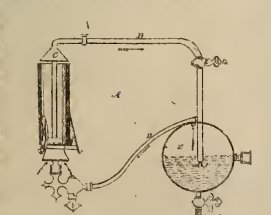
97,282. F. R. DUFOUR. HAY-ELEVATORS.



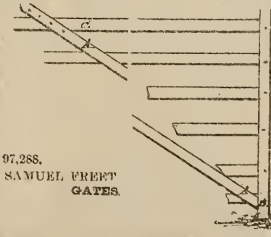
97,293. L. B. HABERGER.
FRUIT-JARS.



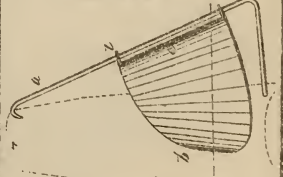
97,283. CLEVELAND F. DUNDERDALE.
APPARATUS FOR CARBURETTING AIR.



97,288.
SAMUEL FREET
GATES.



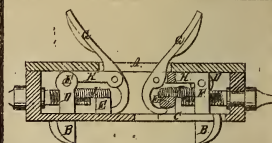
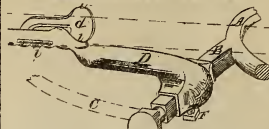
97,294. E. K. HAYNES.
LAMP-SHADES.



97,295, CHARLES BIRMINGHAM HOGG
PADS OR HOUSINGS FOR
HARNESS-SADDLES.



97,301, COOK C. LAWRENCE
JAMES LEWIS.
REST FOR CARRIAGE-TOPS.



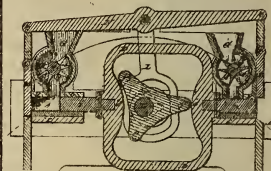
97,296, MARCUS L. HORTON.
BOILER OR OTHER FURNACES.



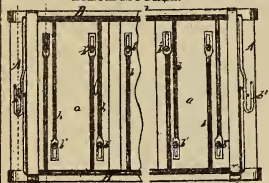
97,302, C. LEFFINGWELL.
HEAD-BLOCKS
FOR SAW-MILLS.



97,309, T. M. MITCHELL.
PRESSES FOR COMPACTING THE
WASTE PARTICLES OF COAL INTO
BLOCKS FOR FUEL.



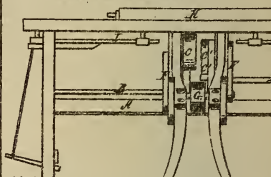
97,297, STEPHEN INMAN.
BRICK-MOULDS.



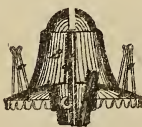
97,303, HIRAM L. LOCKWOOD.
RAILWAY-CAR COUPLING.



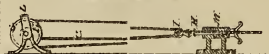
97,310, SAMUEL NEWMAN.
STAVE-MACHINES.



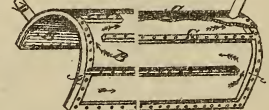
97,298,
MELVIN JINCKS.
LAMP-BURNER.



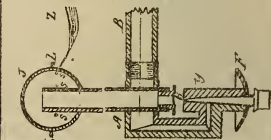
97,304, MOSES LOEB.
CURTAIN-FIXTURE.



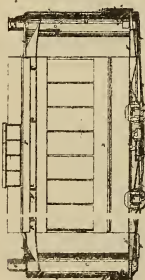
97,305, WILLIAM B. MACK.
STEAM-GENERATORS.



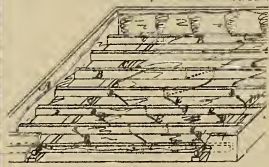
97,311, J. H. PATTEE.
VAPOR-BURNERS.



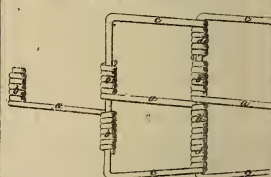
97,299, J. G. KNAPP. STEAM-FLOW.



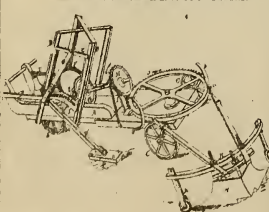
97,306, DAVID MANUEL FOUNDATION
FOR SPRING-BED BOTTOMS.



97,312, W. P. POWERS.
METAL BELTING.



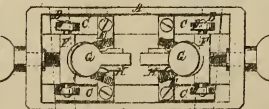
97,300, I. W. LANGDON.
APPLYING STEAM-POWER
TO STREET-RAILWAY CARS.



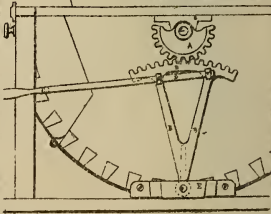
97,307, STEPHEN MARTIN.

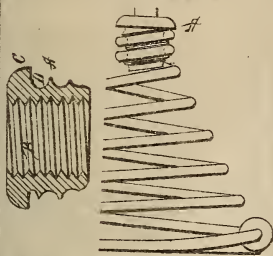
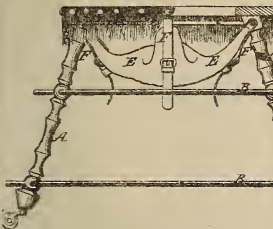
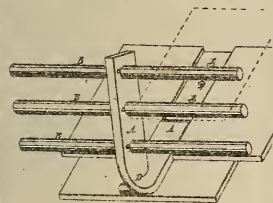


97,308, BERNARD MCENALLY.
EDWARD FARRELL.
TOOL FOR MOULDING DOVETAILES.

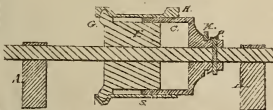
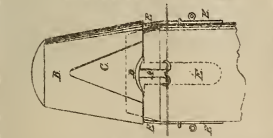
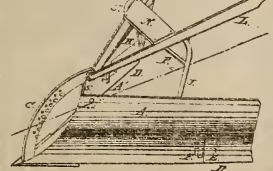
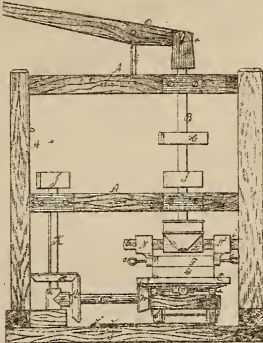


97,313,
TURNER C. PURINGTON.
GRAPE-CRUSHERS AND
STEM-SEPARATORS.

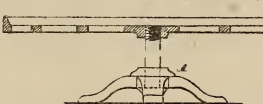
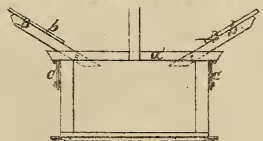
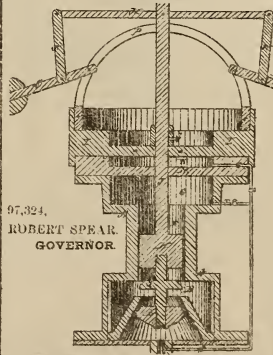
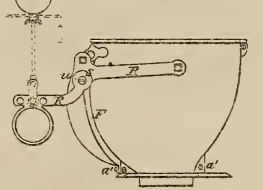
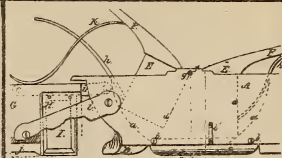
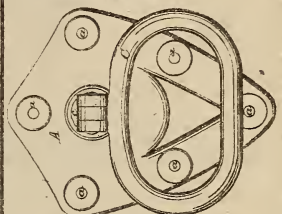
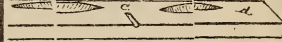
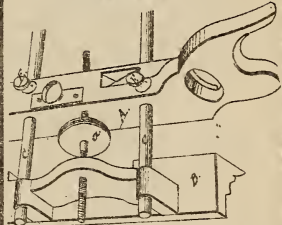
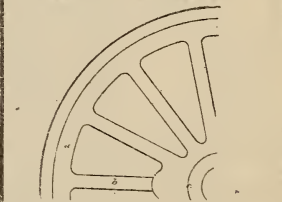
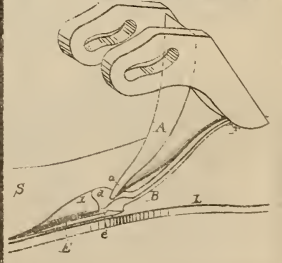


97,314, TURNER C. PERINGTON.
CHAIR-SPRING.97,315, P. H. RANDOLPH.
BABY-WALKER.97,316, ANDREW ROGERS.
SNOW-GUARD FOR ROOFS.

97,317, J. S. ROWELL. SEEDERS.

97,318, ALFRED G. SAFFORD.
TELEGRAPH-INSULATORS.97,319, ALEXANDER SHAW.
CULTIVATORS.97,320, FRANKLIN SIMMONS.
MACHINE FOR DRESSING MILLSTONES.

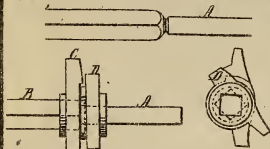
97,321, D. N. SMITH. STOVE-STAND.

97,322, STEPHEN J. SMITH.
HAY-RACKS FOR WAGONS.97,323, W. SMITH.
WATER-CLOSET PANS.97,324,
ROBERT SPEAR
GOVERNOR.97,325, ALFRED STEVENS. MACHINE
FOR PUTTING SEAMS OF VESSELS97,326, L. A. SUNDERLAND.
CAN-HANDLES.97,327, ENOCH B. TURNER.
HORSESHOE-BLANK.97,328, HARMON VANBUSKIRK.
CARPENTERS' PLOWS.97,329, ZADOCK WASHBURN.
RAILWAY-CAR WHEELS.97,330, ORIN WEEMAN.
CHANNEL-OPENER FOR BOOT AND
SHOE SEWING-MACHINES.

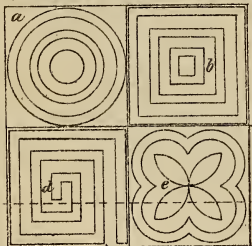
97,331. PHILIP S. WHITE.
FASTENINGS FOR NECKTIES.



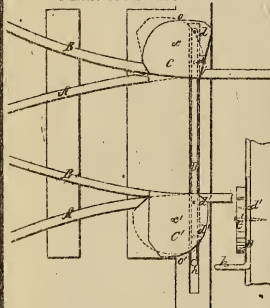
97,332. MAHLON J. WOODRUFF. LATCH.



97,333. E. H. WOODWARD.
TILES OR SLABS FOR FLOORING
AND WAINSCOTING, AND FOR
THE MANUFACTURE OF FURNITURE.



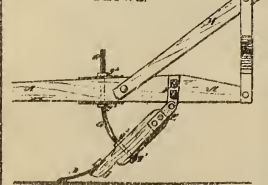
97,334. WM. L. YANTIS.
RAILWAY-SWITCH.



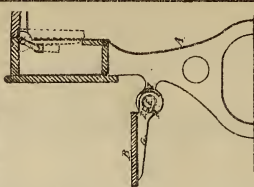
97,335. W. N. ABBOTT.
LUBRICATING-COMPOUND.

97,336. JOSEPH ALBERT.
PRINTING PHOTOGRAPHS.

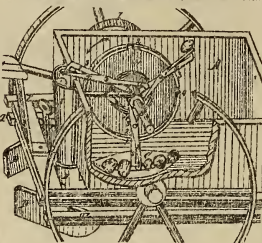
97,337. C. C. ANSLEY.
FLOWS.



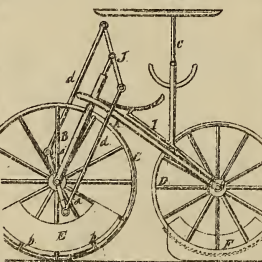
97,338. B. W. ARNOLD.
SCHOOL-DESK AND SEAT.



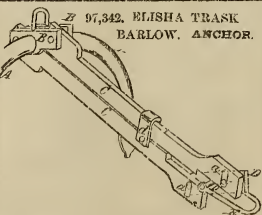
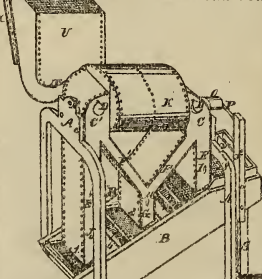
97,339. L. AUGS. ASPINWALL.
MACHINE FOR PLANTING POTATOES.



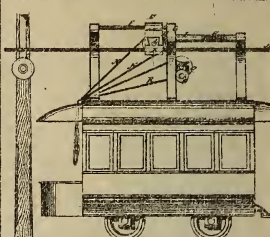
97,340. SYLVESTER M. BAILEY.
VELOCIPEDES.



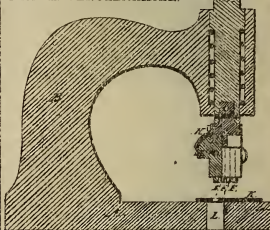
97,341. JOSEPH BARKER.
MIDDLINGS-SEPARATOR.



97,343. G. T. BEAUREGARD.
MACHINERY FOR PROPELLING CARS.

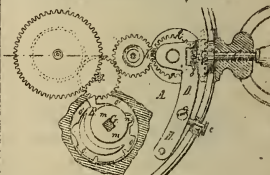


97,344.
CANCELLING-FUNCHES.
MAX E. BEROLZHEIMER.

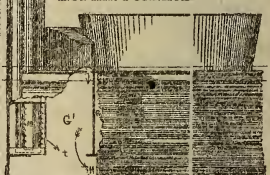


97,345. BENJAMIN BISSELL.
LINIMENT FOR THE TREATMENT
OF NEURALGIA, RHEUMATISM,

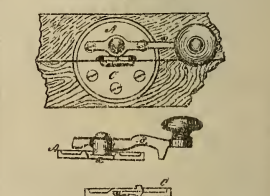
97,346. EDOUARD BOURQUIN.
STEM-WINDING WATCHES.



97,347. ROBT. BOYD.
JAS. C. HART.
HOT-AIR FURNACE.

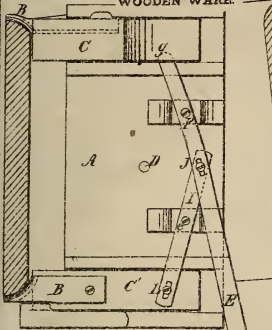


97,348. E. K. BRECKENRIDGE.
WINDOW-BUTTON.

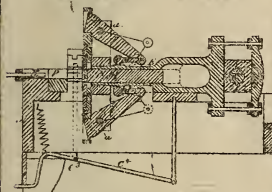


97,349. CATHARINE BRUNER.
PRESERVING EGGS AND
OTHER ARTICLES.

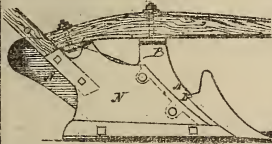
97,350. JOHN C. BRYANT,
ANDREW W. TURNER.
MACHINE FOR TURNING
WOODEN WARE.



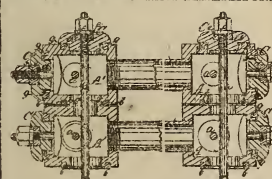
97,351. O. C. BURDIOT.
BOLT-HEADING MACHINE



97,352. P. BURNS. PLOWS.



97,353. A. S. CAMERON.
SECTIONAL STEAM-GENERATORS.

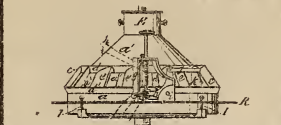


97,354.

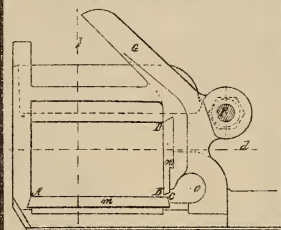


A. S. CAMERON.
LUBRICATOR.

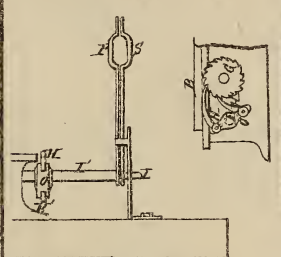
97,355. JOEL T. CASE. WATER-WHEELS.



97,356. CYRUS CHAMBERS.
CUT-OFF FOR BRICK-MACHINES



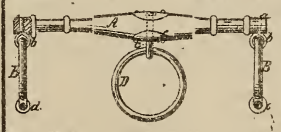
97,357. THOMAS E. CHANDLER.
SAW-MILLS



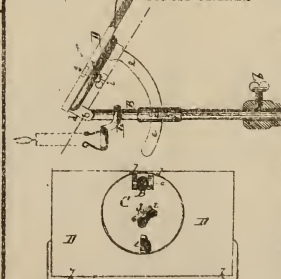
97,358. EBEN SIMPSON CHASE.
LAMP-CHIMNEYS.



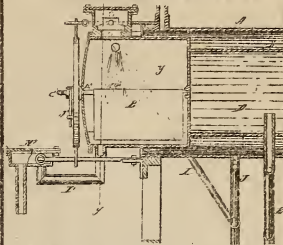
97,359. GEORGE P. COLE. NECK-YORK.



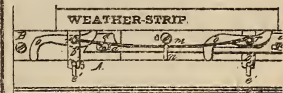
97,360. EDW. CONLEY.
MUSIC-STANDS



97,361. SILAS COOK.
AUTOMATIC BOILER-FEEDER.



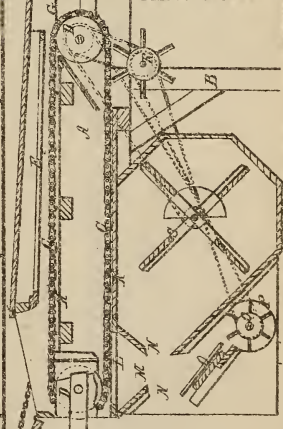
97,362. GEORGE W. CRETORS.
ENOS HOOVER.



97,363.
A. P. CRITCHLOW.
BUTTONS

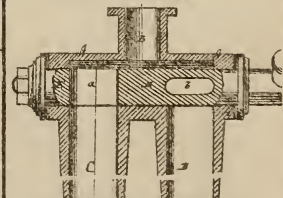


97,364. W. A. CROCKER.
PEANUT-PICKER.

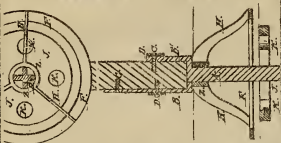


97,365. JOHN GALLEMORE DALE.
EDWARD MILNER.
MODE OF PRODUCING WHITE LEAD.

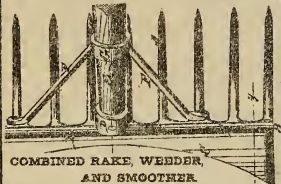
97,366. D. F. DODGE.
TWO-WAY COCKS



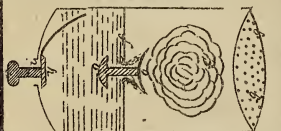
97,367, J. P. DORMAN.
ARBOR OR FENCE-POST.



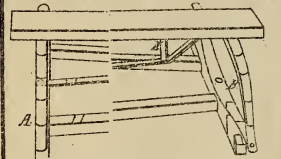
97,368, A. F. DÜCKWITZ.



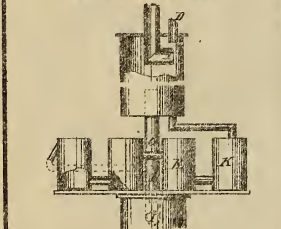
97,369, SAM'L G. DUGDALE.
CLOTHES-SPRINKLER.



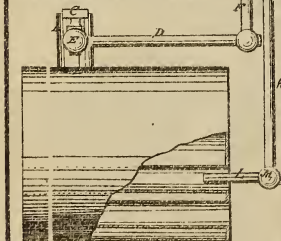
97,370, ELLIS EYES.
SUPPORT FOR ELLIPTIC SPRINGS



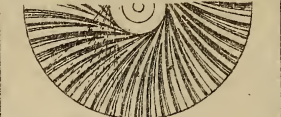
97,371, JOHN FAIRCLOUGH.
FEED-WATER HEATER.



97,372, JOHN FAIRCLOUGH.
BOILER-FLUE CLEANER.



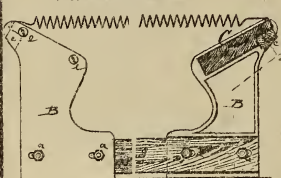
97,373, JOHN FAIRCLOUGH.
MILLSTONE-DRESS



97,374, MOSES G. FARMER.
SUBMARINE-TELEGRAPH CABLES.



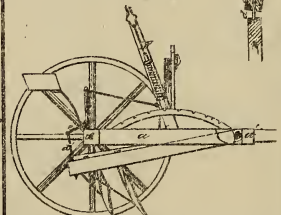
97,375, J. M. FARNHAM.
BEDSTEAD-FRAME.



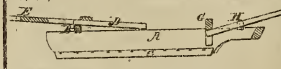
97,376, O. L. FENNER.
BENCH-CLAMP.



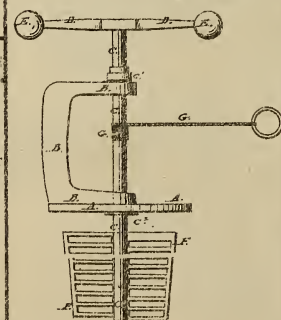
97,377, JAMES FERGUSON.
CULTIVATORS.



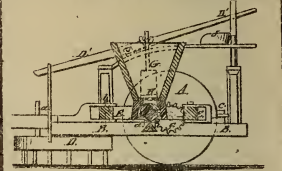
97,378, E. L. FOREMAN. ROAD-GRADER.



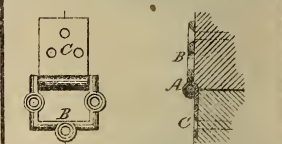
97,379, H. G. FOUGEN.
A. C. FOUGEN. EGG-BEATER.



97,380, JOHN V. B. FRANCE. COMBINED
SEEDER, ROLLER, AND DRAG.



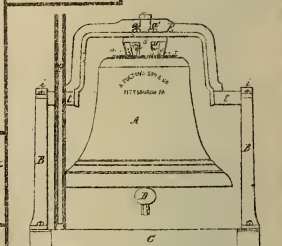
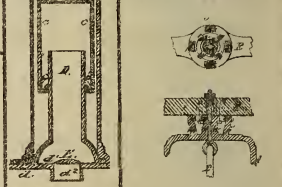
97,381, L. FRÜHNSFELD. HINGE



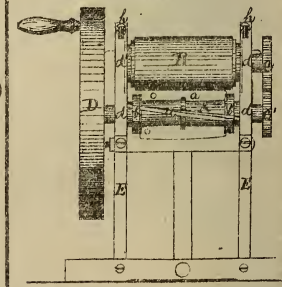
97,382, SARON FULLER
PUMPS.



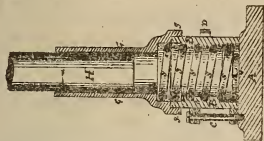
97,383,
SAML. M. FULTON.
WILLIAM M. FULTON.
ROTARY BELL-HEAD



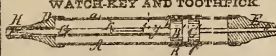
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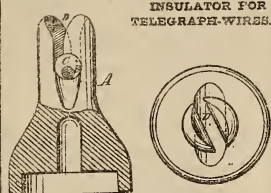
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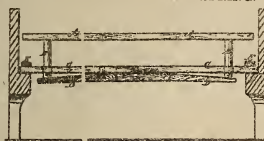
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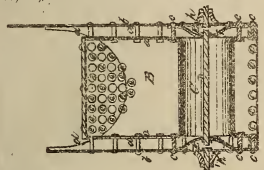
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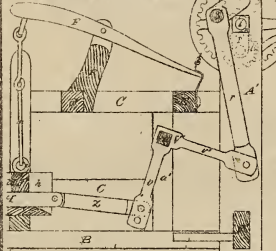
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97,387, REDMAN GAY. FIRE-BOXES.



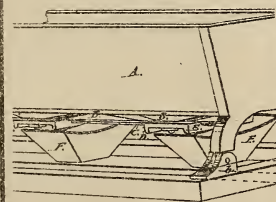
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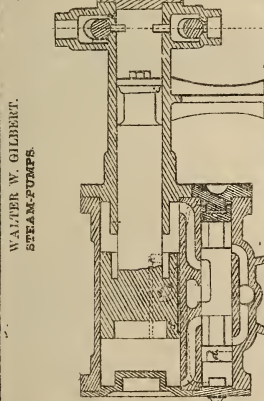
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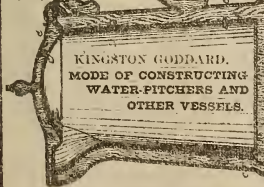


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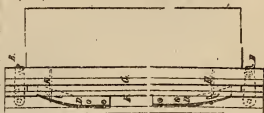
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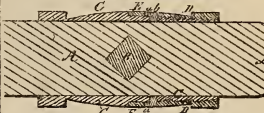


KINGSTON GODDARD.
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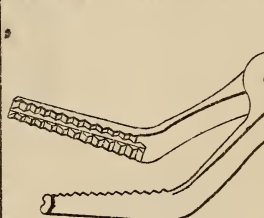
97,397, B. F. HERE. PAPER-FILES.



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97,399, DANIEL M. HOLMES
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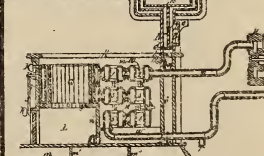
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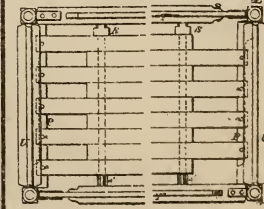
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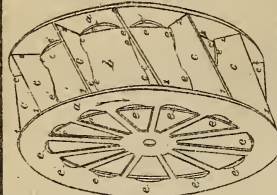
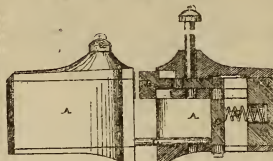


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97,403, CHAS. H. HUDSON.
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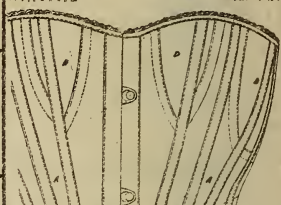
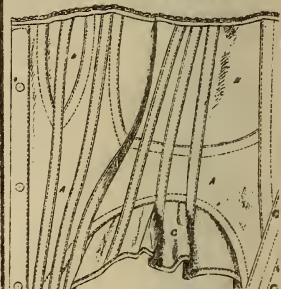


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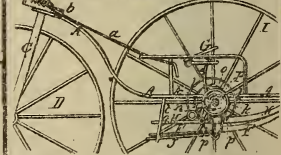
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97,417. ALSON A. LOTHROP.
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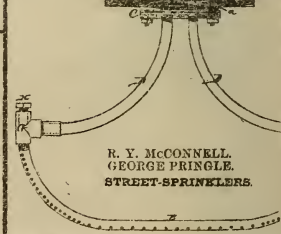
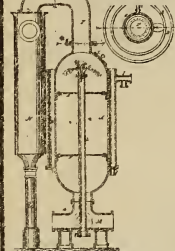
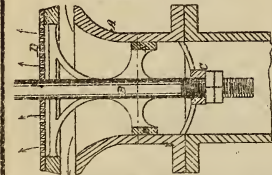
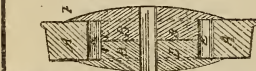
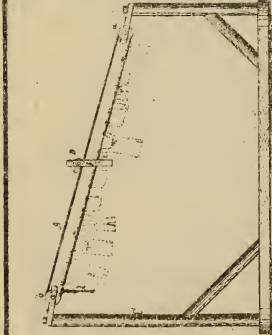
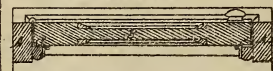
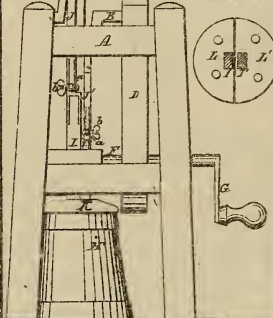
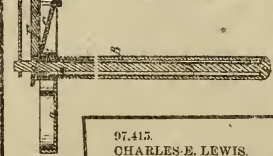
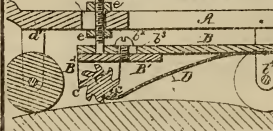
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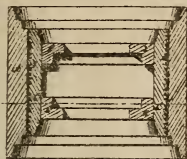
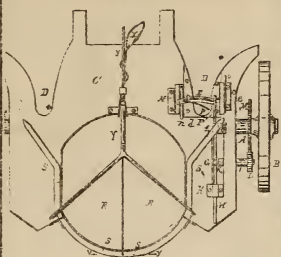
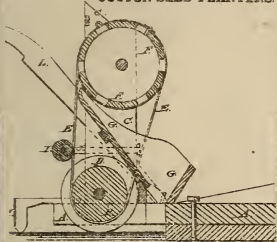
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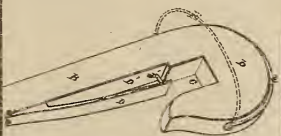
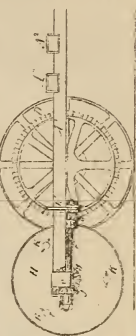
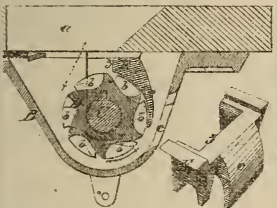
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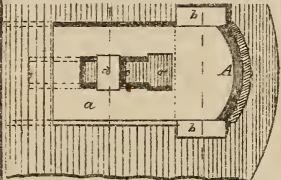
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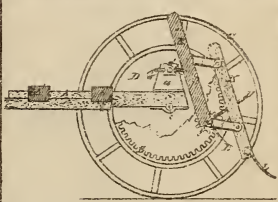
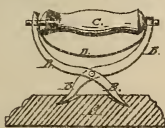
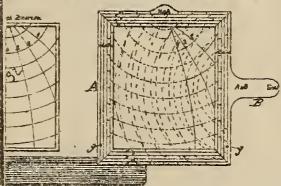
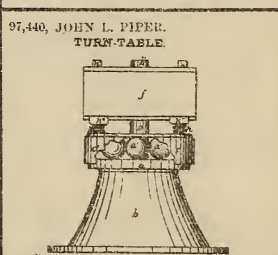
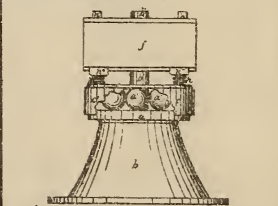
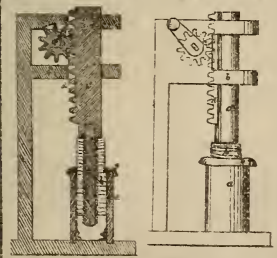
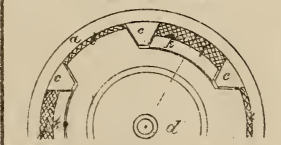
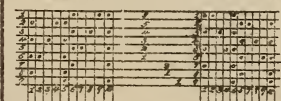
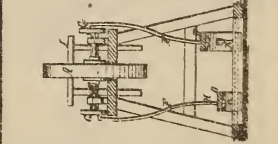
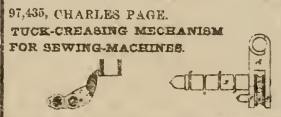
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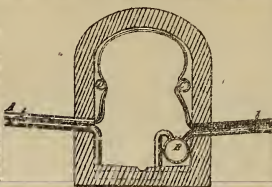
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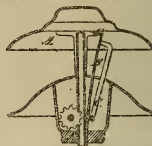
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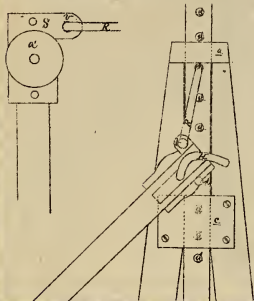
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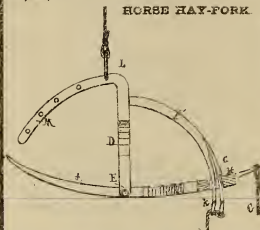
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97,444, REUBEN M. REYNOLDS.
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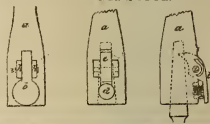


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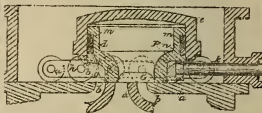


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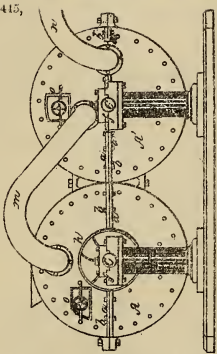
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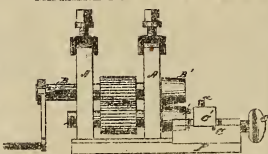
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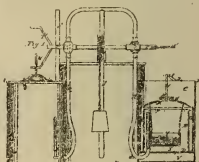
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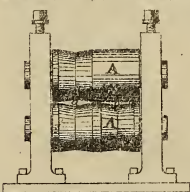
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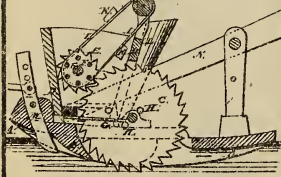
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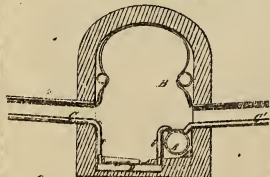
97,451, W. H. SINGER. PLATE FOR
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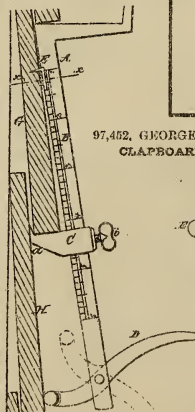
97,446, JOHN M. SHAW. SEED-PLANTER.



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97,448, JNO. SILSBY.
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97,452, GEORGE SMITH.
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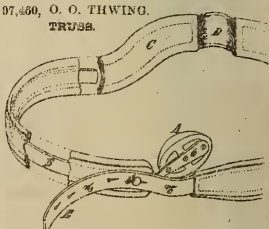
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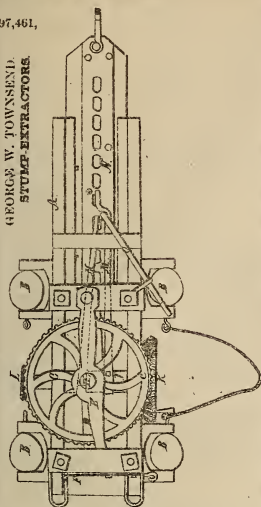
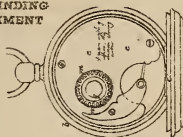
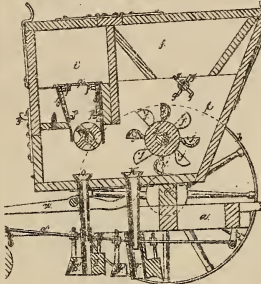
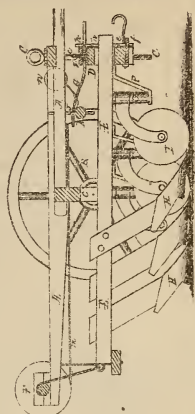


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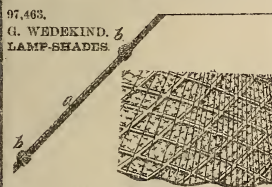
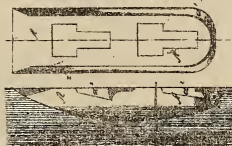
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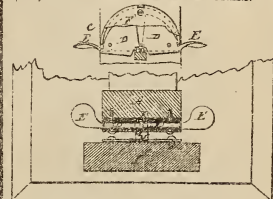
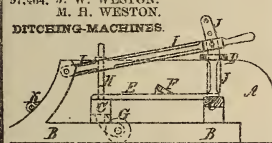
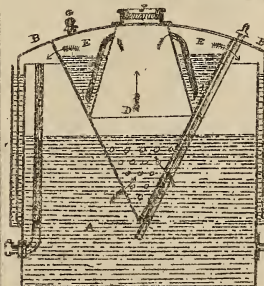
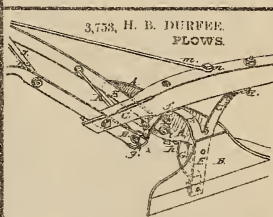
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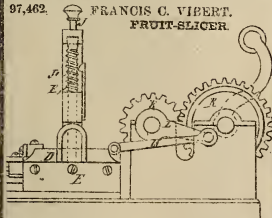
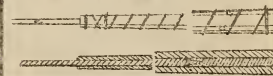
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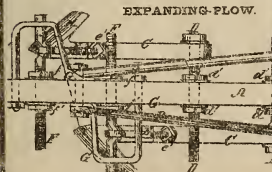
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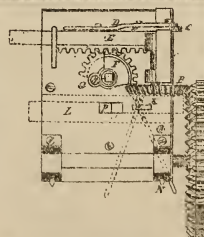
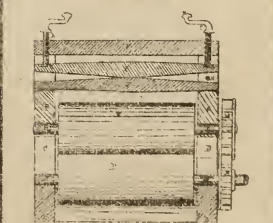
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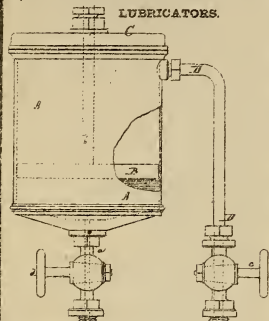
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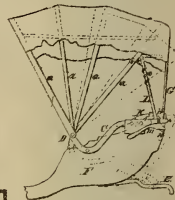
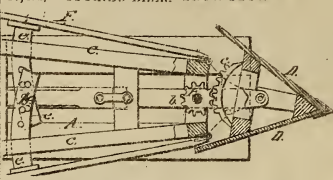
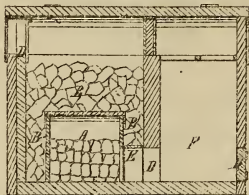
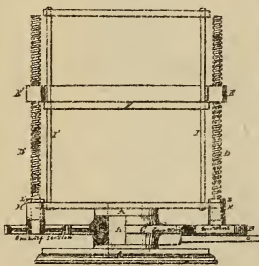
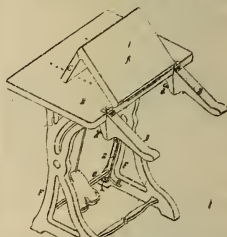
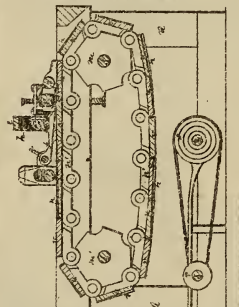
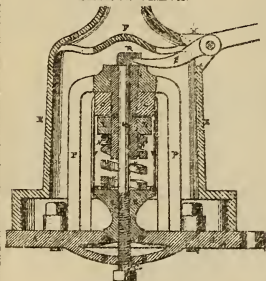
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97,473. DAVID ADAMSON.

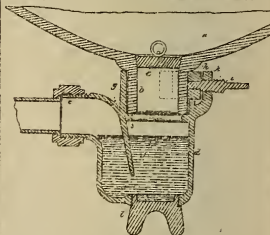
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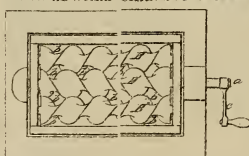
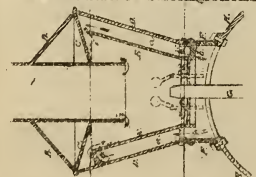
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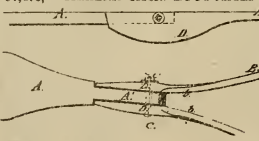
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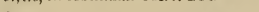
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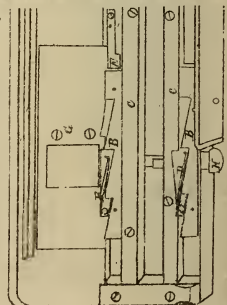
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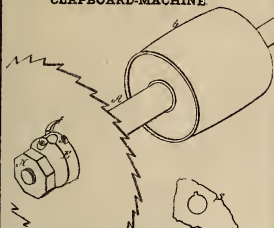
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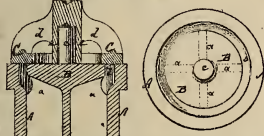
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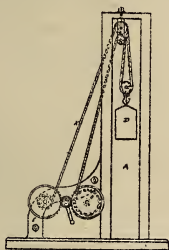


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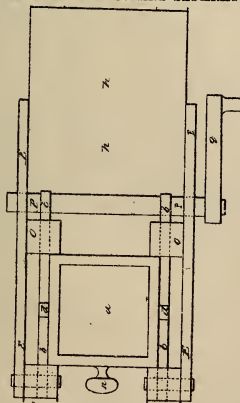


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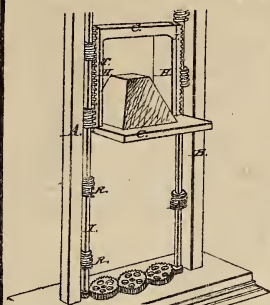
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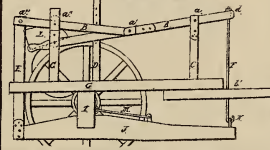
97,488, JAMES EDGAR
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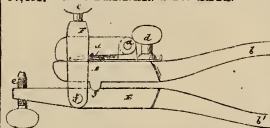
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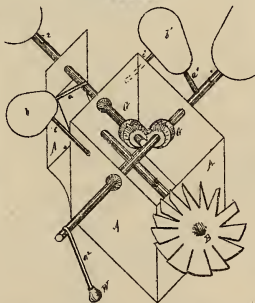
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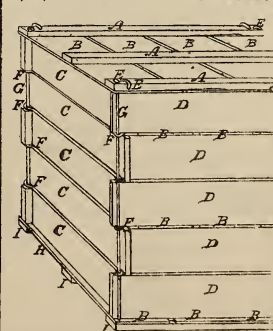
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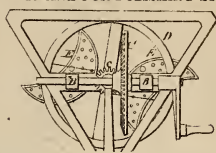
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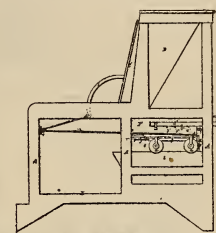
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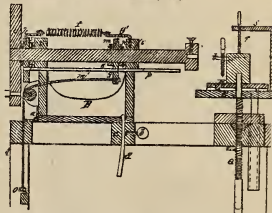


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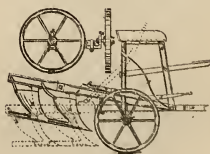
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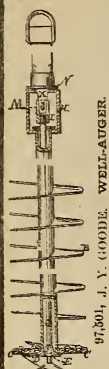


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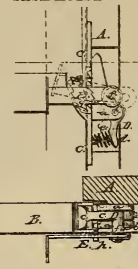


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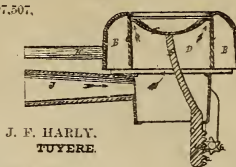
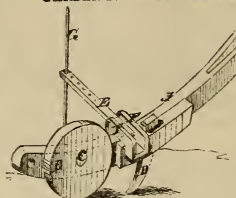
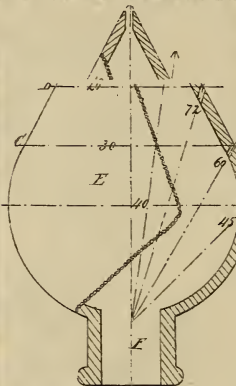
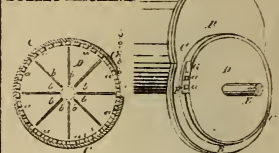
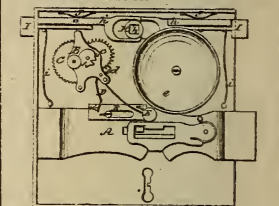
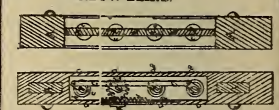
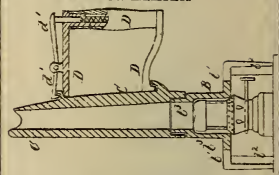
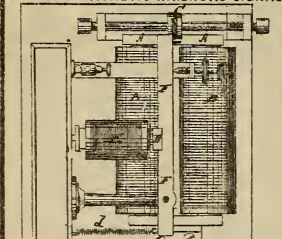
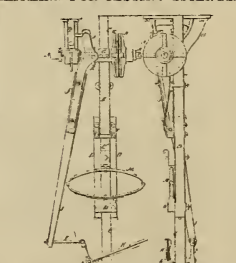
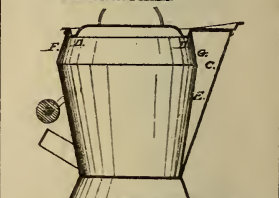
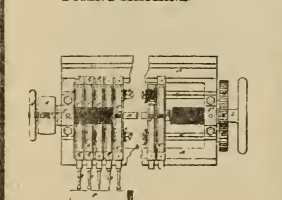
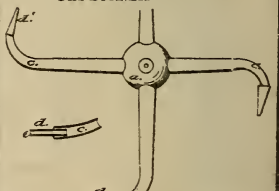




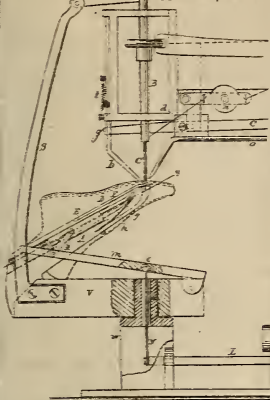
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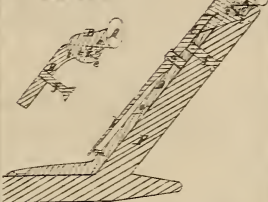


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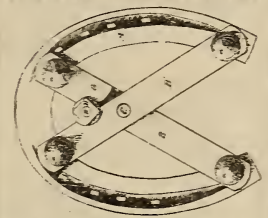


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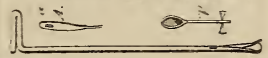
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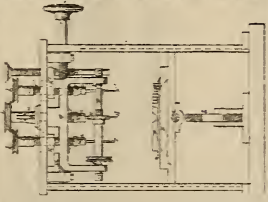
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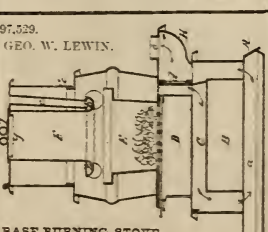
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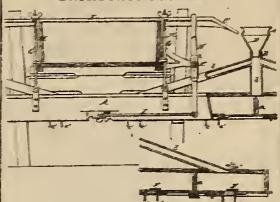


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97,530, J. S. LEWIS.
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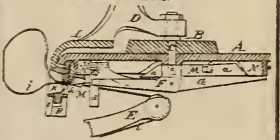
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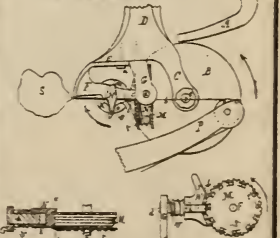
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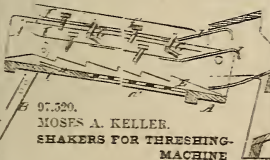
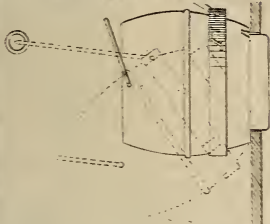
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GRAIN-BINDERS



97,535, SYLVANUS D. LOCKE.
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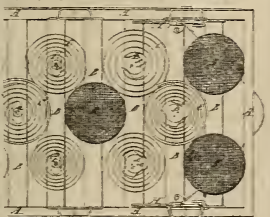


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97,520, MOSES A. KELLER.
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97,521, S. P. KITTLE. SPRING-BED



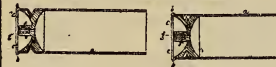
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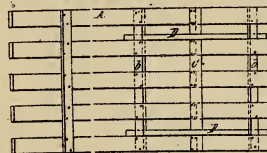
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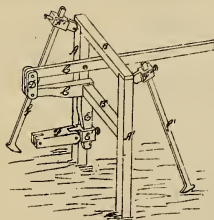
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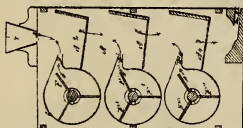
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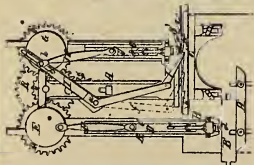
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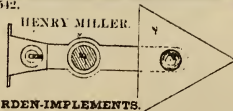


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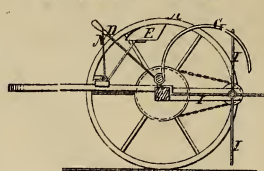


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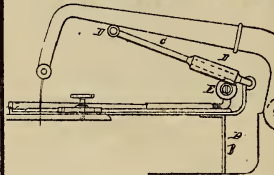
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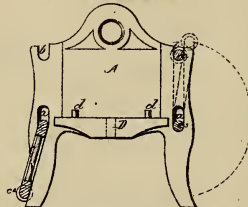
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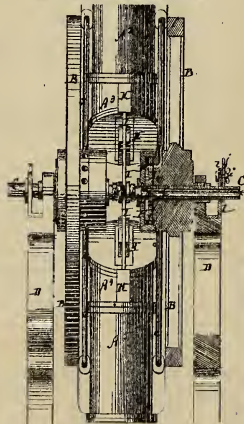
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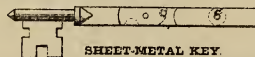
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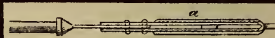
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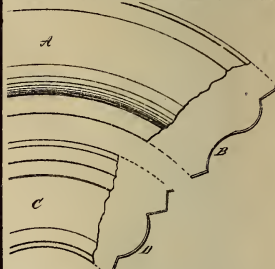
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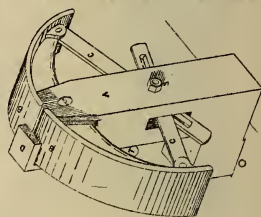
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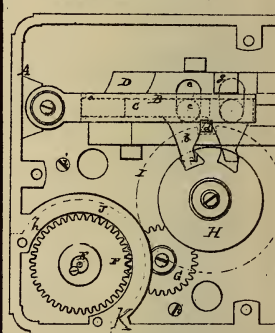
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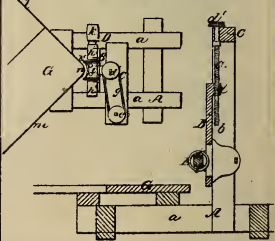
97,549, GEORGE S. PIERCE.
DEVICE FOR FORMING BOILERS.



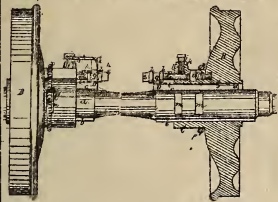
97,550, OLIVER E. PILLARD.
PERMUTATION-LOCKS.



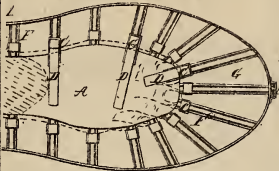
97,551, SAWYER PORTER.
MACHINERY FOR MAKING
PIANO-FORTE CASES



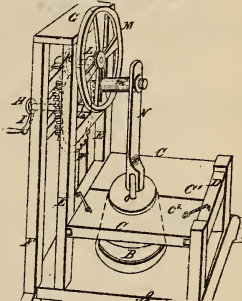
97,552, PERLEY PUTNAM.
RAILWAY-CAR WHEEL AND AXLE.



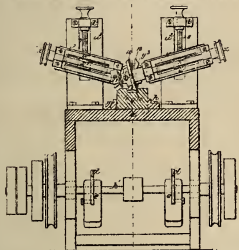
97,558, S. W. SHOREY.
BOOT-CONFORMATOR.



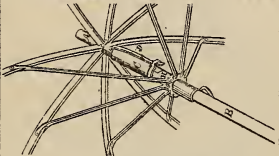
97,565, D. G. TAYLOR.
CHURNING-MACHINES.



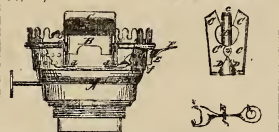
97,553, WM. O. ROBBINS.
C. W. STAFFORD. MACHINE
FOR PREPARING PAVING-BLOCKS.



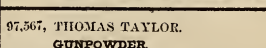
97,559, ADDISON SMITH.
COMBINED UMBRELLA AND CANE.



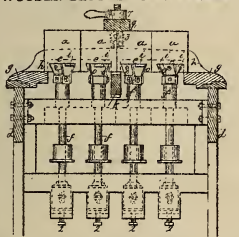
97,560, CYRUS SMITH. SAFETY-LAMP.



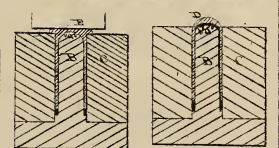
97,566, THOMAS TAYLOR.
EXPLOSIVE COMPOUND FOR
USE IN FIRE-ARMS, BLASTING.



97,554, WM. O. ROBBINS.
C. W. STAFFORD.
MACHINERY FOR PREPARING
WOODEN BLOCKS FOR PAVEMENT.



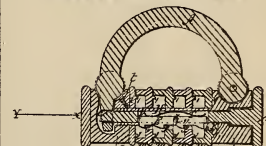
97,561, DEXTER SMITH. THE MANUF
ACTURE OF CARTRIDGE-SHELLS.



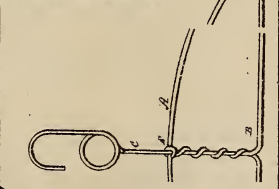
97,567, THOMAS TAYLOR.
GUNPOWDER.



97,568, M. P. THATCHER.
COMBINATION-PADLOCKS.



97,562, E. N. SNOW.
GARMENT-SUSPENDER

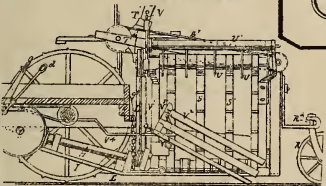


97,569, GEORGE THEOBALT.
CHECK-HOOK

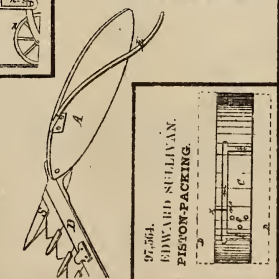


97,555, N. T. P. ROBERTSON.
THOMAS NILES.
COMPOUND FOR DESTROYING INSECTS

97,556, A. SHELLENE, E. BURKE.
HARVESTERS.



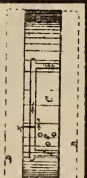
97,563, PRATT A. SPICER.
TRACE-CLEARER FOR
MOWING-MACHINES.



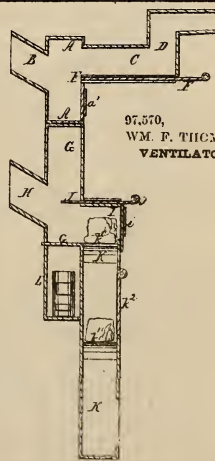
97,557, ABRAHAM SHEPHERD.
SUSPENDERS.



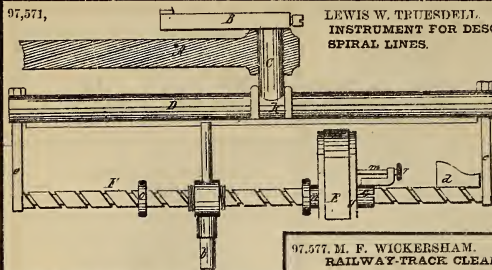
97,564, EDWARD SULLIVAN.
PISTON-PACKING.



97,570,
WM. F. THOMAS.
VENTILATOR.

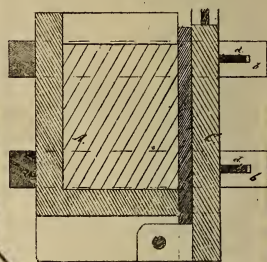


97,571,

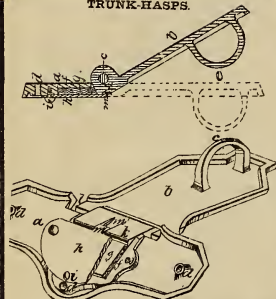


LEWIS W. TRUESDELL.
INSTRUMENT FOR DESCRIBING
SPIRAL LINES.

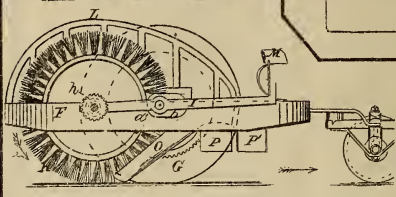
97,582, JOHN ABSTERDAM.
MANUFACTURE OF STEEL



97,572, CORNELIUS WALSH.
TRUNK-HASPS.



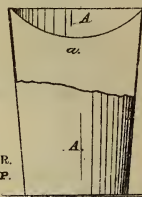
97,577, M. F. WICKERSHAM.
RAILWAY-TRACK CLEANER.



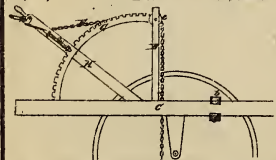
97,578, SAMUEL P. WILLIAMS.
TRACE-LOCK FOR WHIFFLETREES.



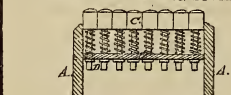
97,582, BERNHARD ADLER.
DRINKING-CUP.



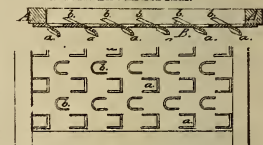
97,573, H. J. WATTLES. CULTIVATORS.



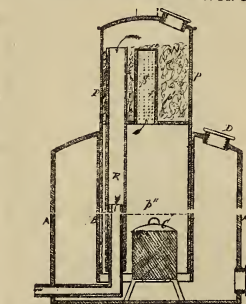
97,579, FREDERICK WITTRAM.
SEAT FOR CHAIRS, SOFAS, &c.



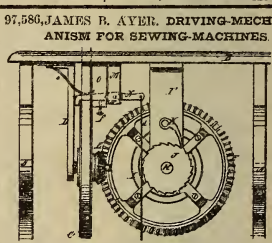
97,584, J. R. ALLEN.
GRAIN-SEPARATORS.



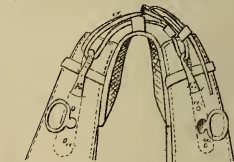
97,580, JOSEPH S. WOOD.
GENERATING HYDROGEN AND
HYDROCARBON-GAS.



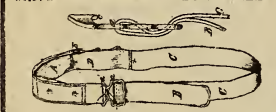
97,585, WM. W. ALLMAND.
PACKING FOR STUFFING-BOXES.



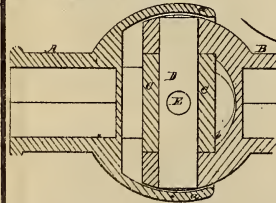
97,587, W. M. BAKER. HORSE-COLLAR.



97,574, MARTIN WESSON. SURCINGLE.

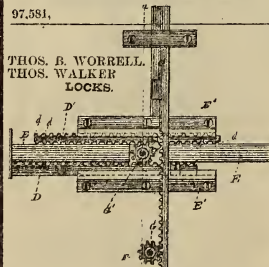


97,575, SETH WHEELER.
SHAFT-COUPLING.

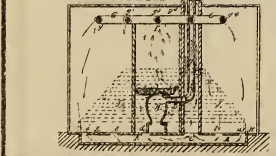


97,581,

THOS. B. WORRELL.
THOS. WALKER
LOCKS.



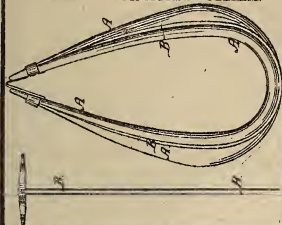
97,576, CHARLES F. WHORE.
VENTILATOR.



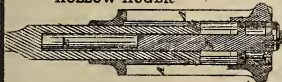
97,588, THOS. J. BARGIS.
JNO. C. UNDERWOOD.
FRUIT-JARS.



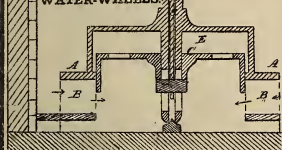
97,589, BENJAMIN J. BARTON.
ROSWELL J. STANLEY.
SPRING FOR HORSE-COLLARS.



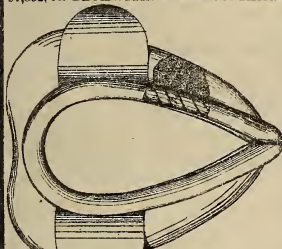
97,590, H. T. BEAM.
JOSEPH C. FREEMAN.
D. B. MILLS.
HOLLOW AUGER



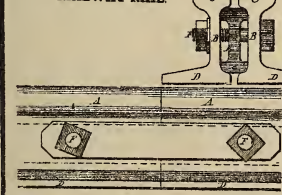
97,591, E. R. BEARDSLEY.
WATER-WHEELS.



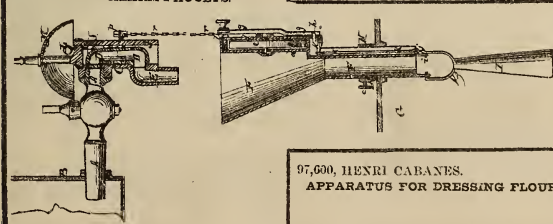
97,592, A. BECKWITH. HORSE-COLLARS.



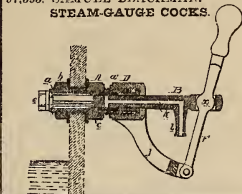
97,593, HENRY REIFELD.
RAILWAY-RAIL.



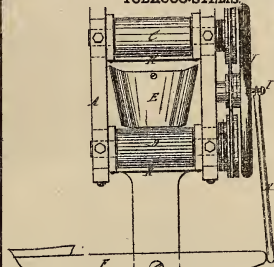
97,594, THOS. M. BIDDLE.
ALARM-FAUCETS.



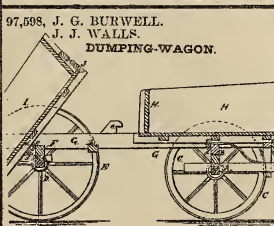
97,595, SAMUEL BLACKMAN.
STEAM-GAUGE COCKS.



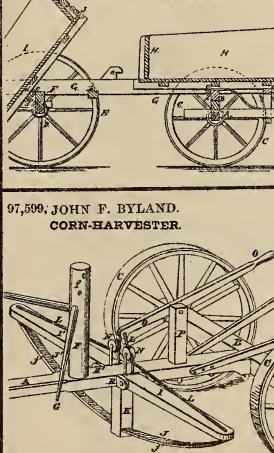
97,596, NICHOLAS H. BOEGFELDT.
MACHINE FOR PREPARING
TOBACCO-STEMS.



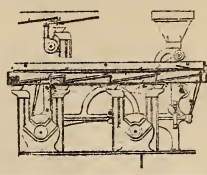
97,597, JULIUS BRÖNNER.
HERMANN GUTZKOW.
PROCESS OF TREATING ASPHALTUM
TO OBTAIN COLORS AND DYES.



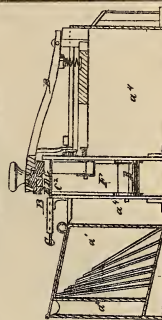
97,598, J. G. BURWELL.
J. J. WALLS.
DUMPING-WAGON.



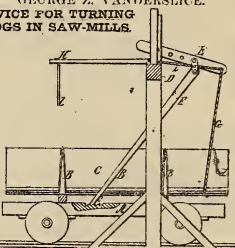
97,599, JOHN F. BYLAND.
CORN-HARVESTER.



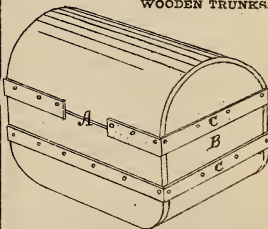
97,601, C. A. CHAMBERLIN.
RAILROAD-TICKETS.



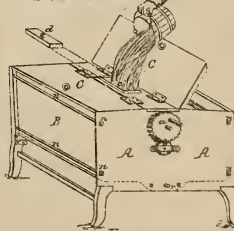
97,602, BELA L. CHURCHILL,
GEORGE Z. VANDERSLICE.
DEVICE FOR TURNING
LOGS IN SAW-MILLS.



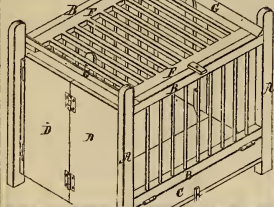
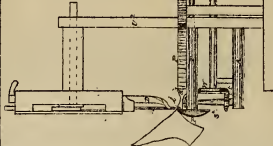
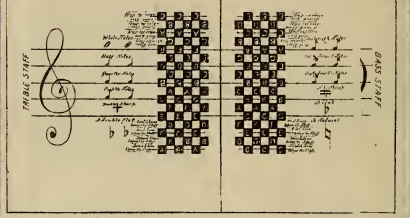
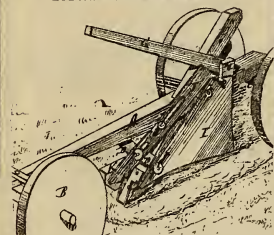
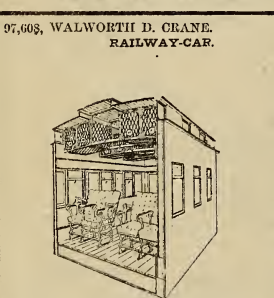
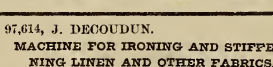
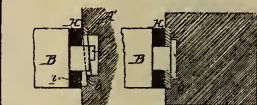
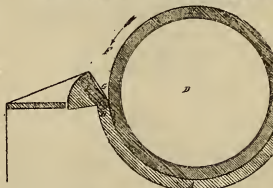
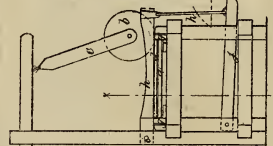
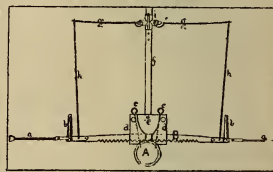
97,603, D. J. CLARK.
W. F. DOGGETT.
S. M. BURR.
WOODEN TRUNKS.



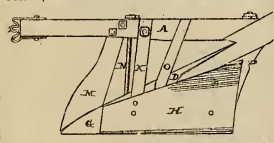
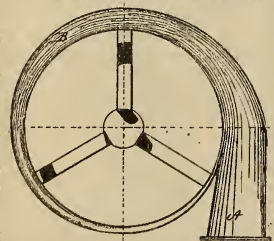
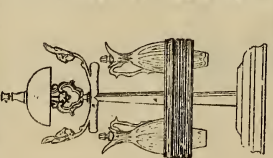
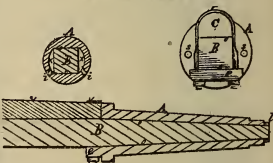
97,604, FRANCES E. CLARKE.
DISH-WASHER.

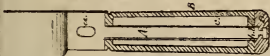
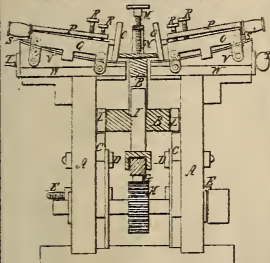
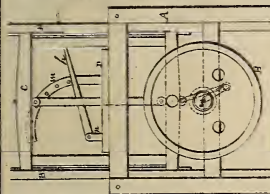
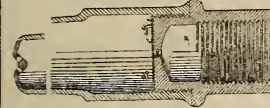
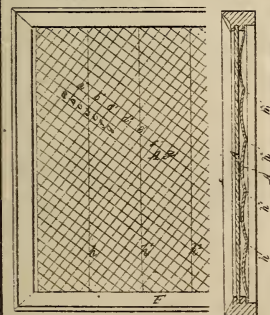
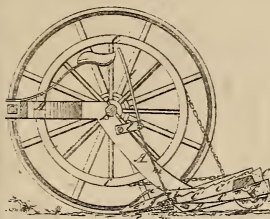
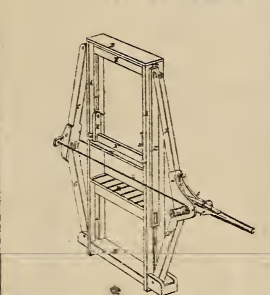
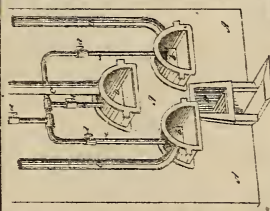


97,600, HENRI CABANES.
APPARATUS FOR DRESSING FLOUR.

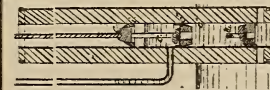
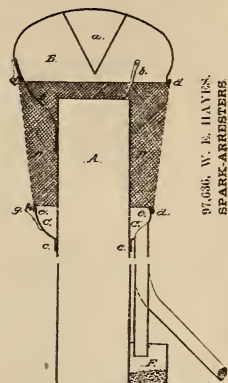
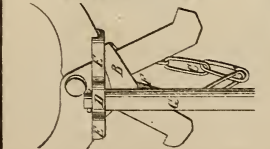
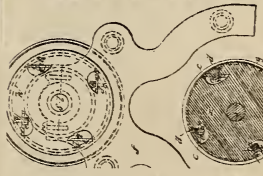
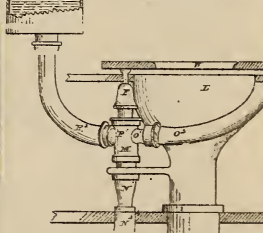
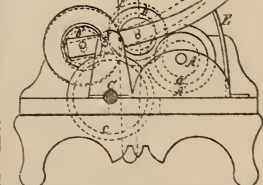
97,605, GEORGE EDWARD CLEETON.
FOLDING CHICKEN-COOP.97,611, JOHN CUTLAN, MACHINE FOR SEWING
THE SOLE AND UPPER OF BOOTS AND SHOES.97,618,
WM. S. DOUGLASS.
CARRIAGE-JACK.97,612, GEO. W. DAWSON.
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DITCHING-MACHINES.97,607, PAUL COUSIN.
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DECORATIVE OIL-PAINTING.97,608, WALWORTH D. CRANE.
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MACHINE FOR IRONING AND STIFFE
NING LINEN AND OTHER FABRICS.97,620, JOSEPH DUNOTT.
CAR-COUPLING.97,615, ABRAHAM C. DEFEW.
JOHN SLATCHER.
METALLIC CARTRIDGES.97,616, J. H. DICKASON.
TOBACCO-MACHINE.97,621, SAMUEL FLETCHER.
SAWING-MACHINES.

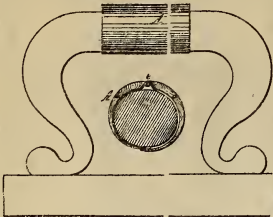
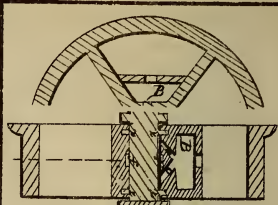
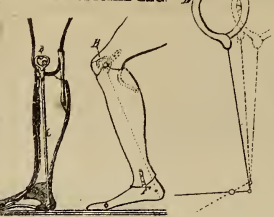
97,609, CHARLES CROW. PLOWS.

97,610, HOMER H. CUMMINGS.
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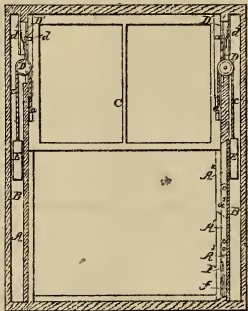
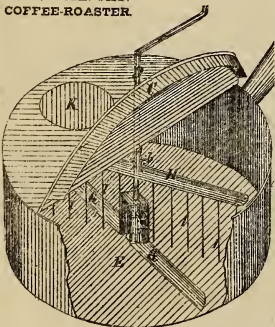
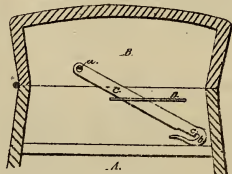
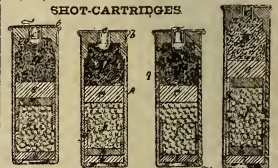
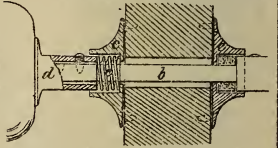
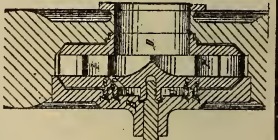
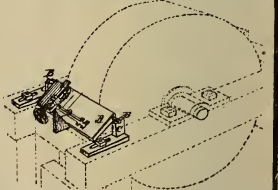
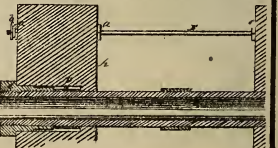
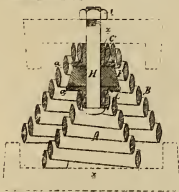
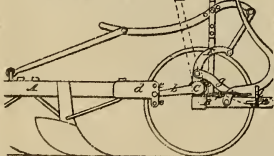
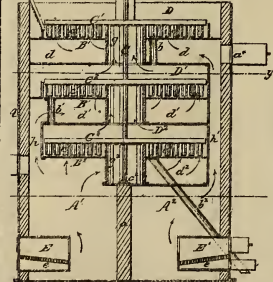
97,624, JAMES D. FRARY.
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MACHINE FOR JOINTING STAVES.97,626, SAMUEL A. GARDNER.
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97,633, MICHAEL HANSTINE. PUMPS.

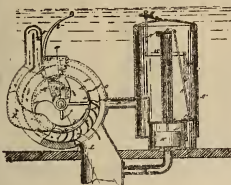
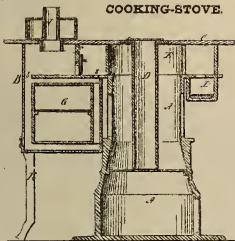
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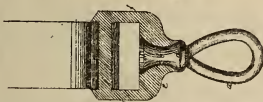
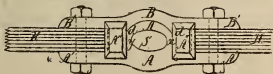
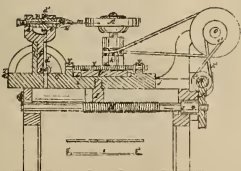
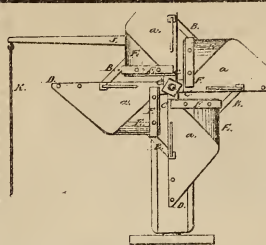
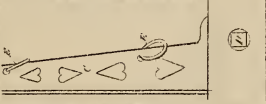
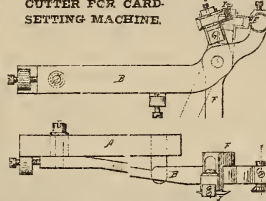
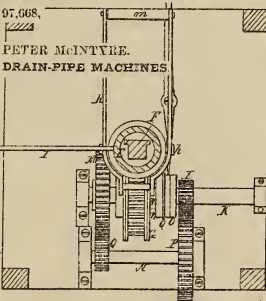
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97,648,
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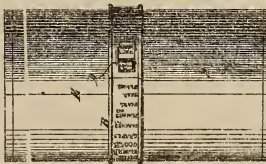
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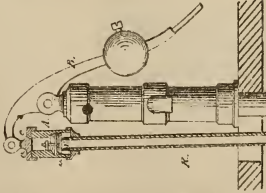
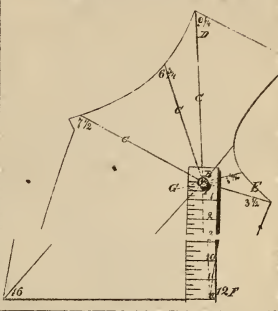
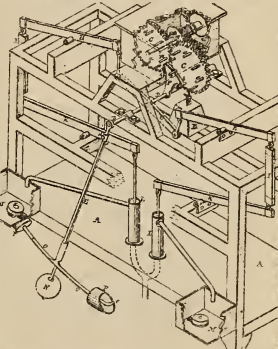
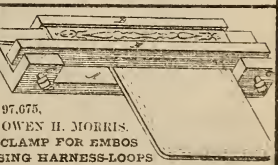
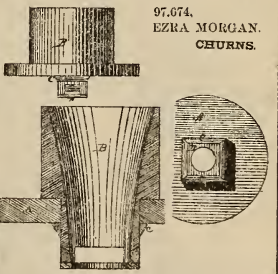
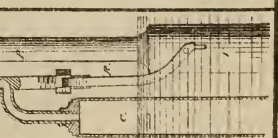
97,661, C. M. LUFKIN. SLED-BRAKE.

97,662, T. J. MAGRUDER.
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BUSH-HAMMERS.97,664, CLARK MARSH.
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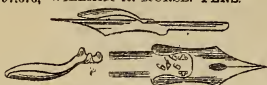
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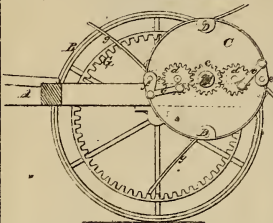
97,670, CHAS. L. MERRILL. PUMPS.

97,671, E. C. MERRILL.
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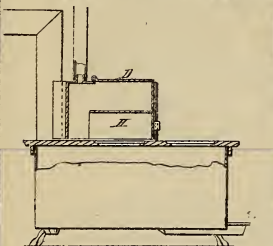
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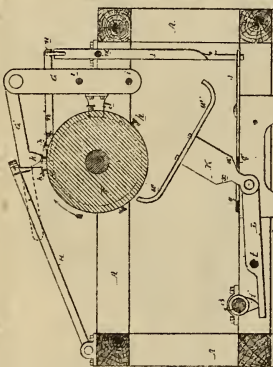
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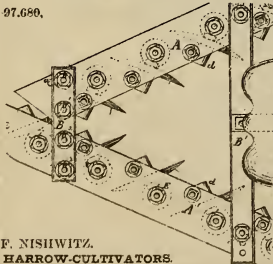
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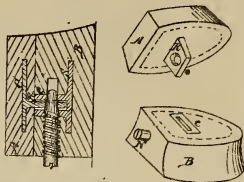
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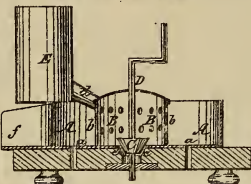
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F. NISHWITZ.
HARROW-CULTIVATORS.

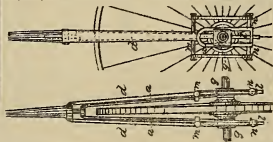
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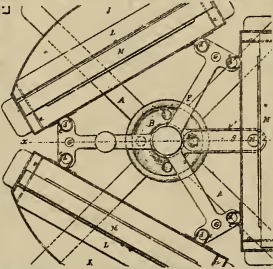
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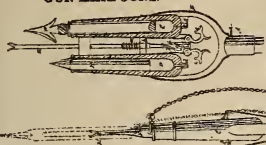
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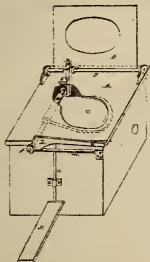
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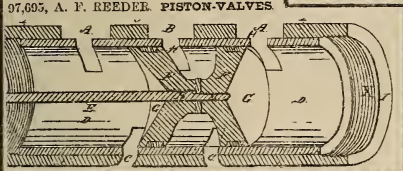
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THE MANUFACTURE OF SOAP.



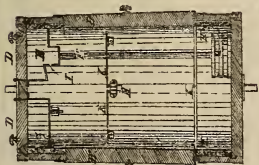
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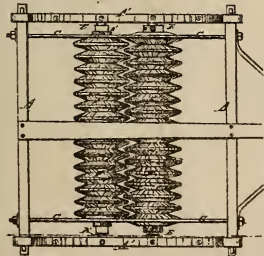
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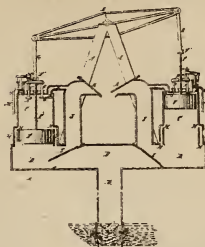
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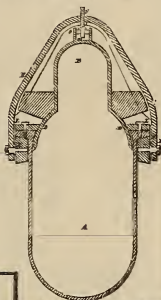
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LAND-ROLLER.



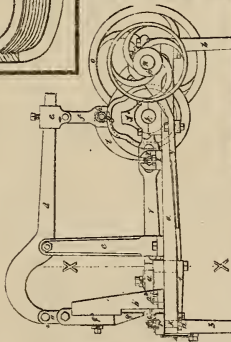
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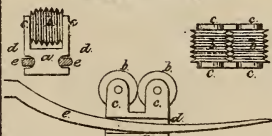
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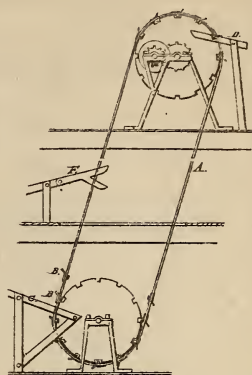
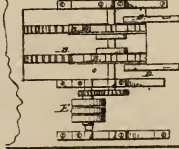
97,700.
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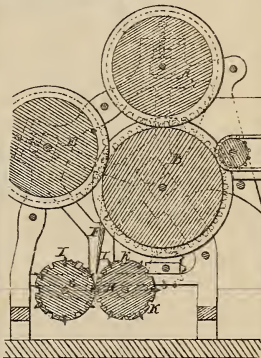
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KNIFE-SHARPENERS.



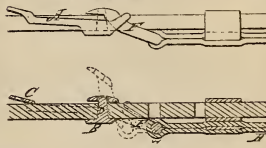
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TOBACCO-ELEVATOR.



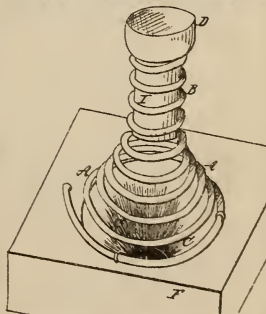
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MACHINES FOR ROLLING, PRESSING,
AND CUTTING TOBACCO.



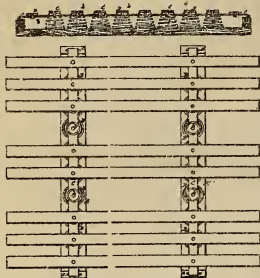
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TRACE-BUCKLE.



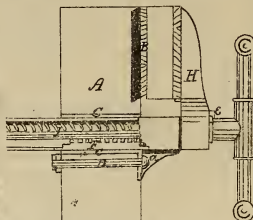
97,705. TIMOTHY ROSE.
PLATT S. BUELL.
COIL-SPRING AND ITS ATTACHMENTS



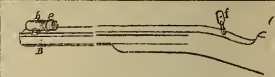
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SPRING-BED BOTTOM.



97,712, JOHN SIMPSON.

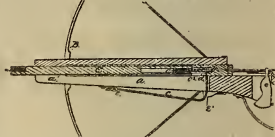


VICES FOR WOOD-WORKING.

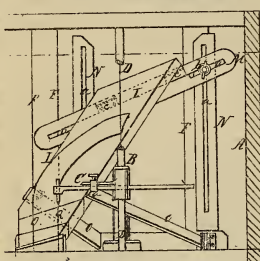


97,718, HOWARD SPENCER.
LAFFAYETTE K. SAYLOR.
MANUFACTURE OF IRON AND STEEL.

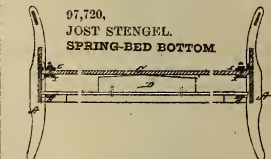
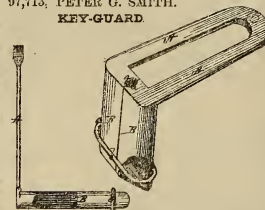
97,719, EBENEZER SPERRY.
TOY HARPOON-GUN.



97,707, ANDREW SCHOLLARS.
APPARATUS FOR LAYING
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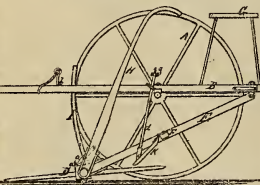


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KEY-GUARD.

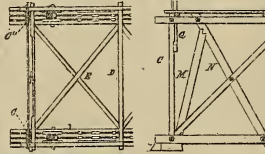


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JOSEF STENGEL.
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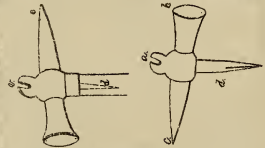
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HORSE HAY-RAKES.



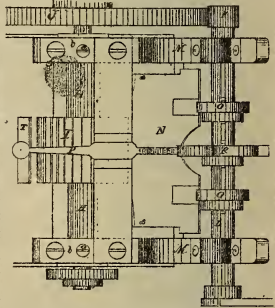
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97,715, SAMUEL B. SMITH. HAMMER.

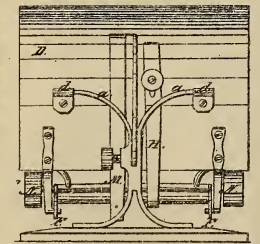


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PLEATING-MACHINES.



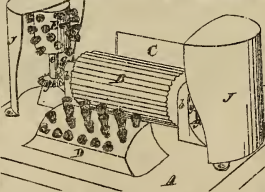
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PROCESS FOR MANUF-
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97,710, HAMILTON SHERMAN.
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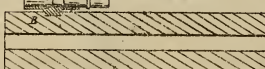


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PLATES FOR HOLDING THE
LIDS OF TRUNKS IN PLACE.

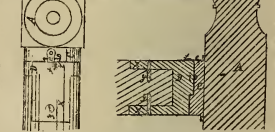
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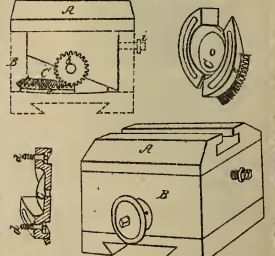
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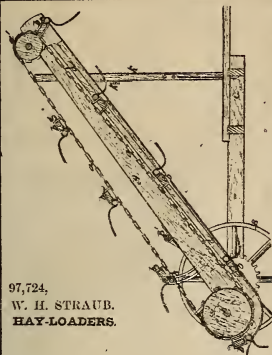


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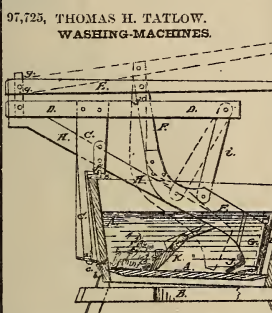


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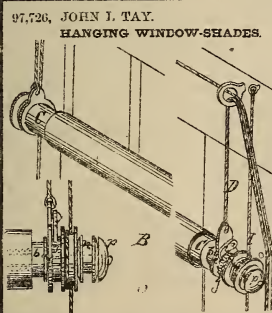




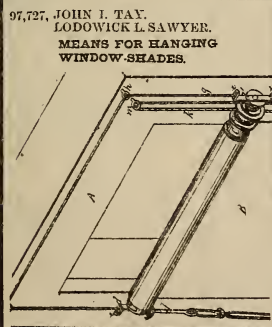
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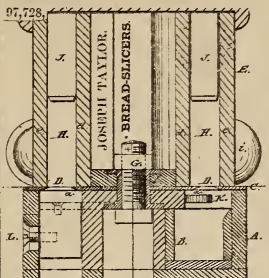
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97,726, JOHN I. TAY.
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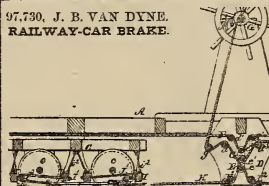
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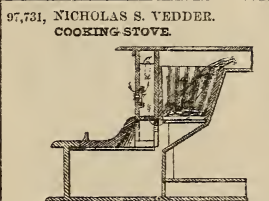
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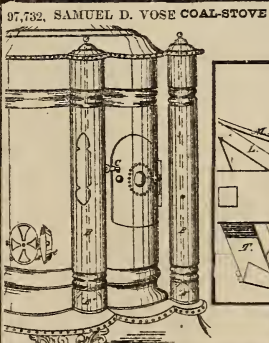
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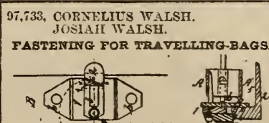
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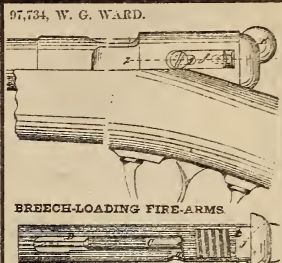
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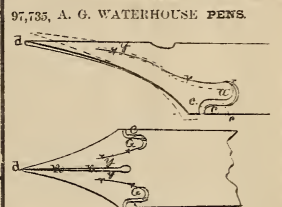


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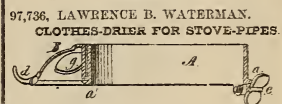


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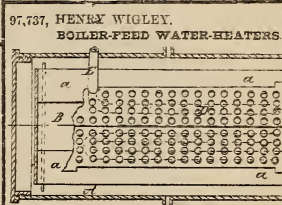
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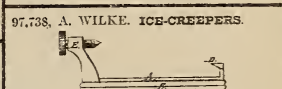
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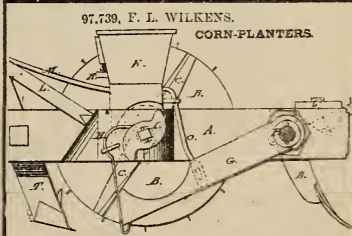
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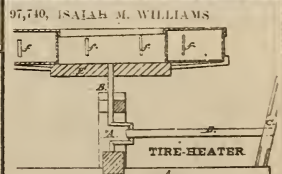
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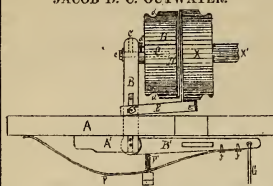
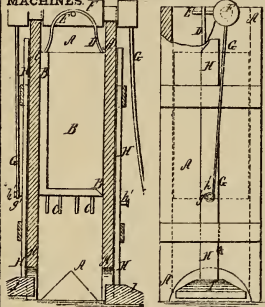


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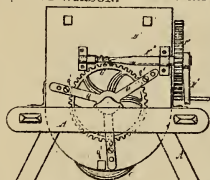
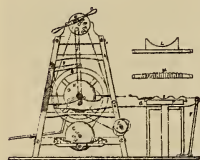
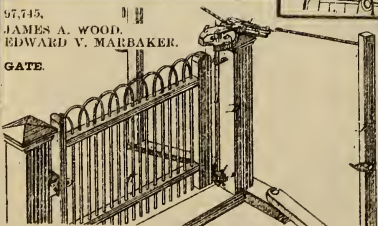


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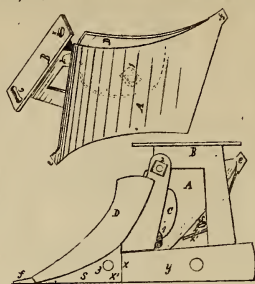
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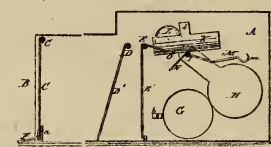
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97,744, ALLEN L. WOOD.
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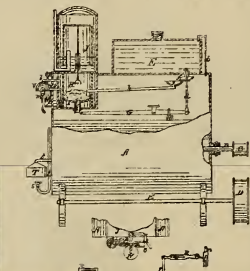
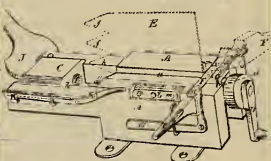
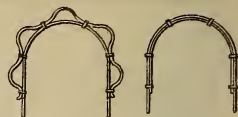
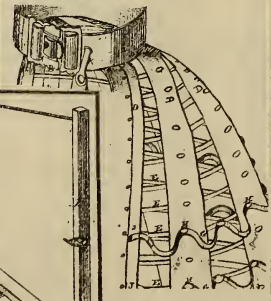
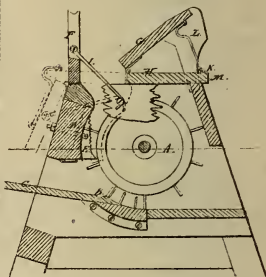
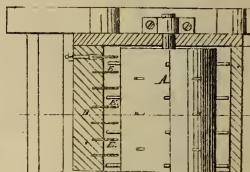
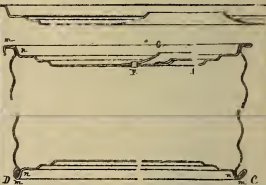
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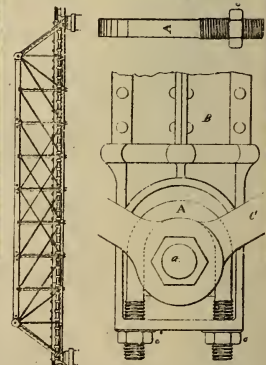
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97,748, T. G. SPRINGER. GAS-MACHINE

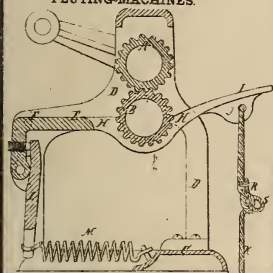
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HOOP-SKIRTS.3,756, GEORGE W. LEE.
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CHARLES GREEN.
WM. WILSON, Jr.
POWDER-KEGS.

3,758, SMITH. LATROBE BRIDGE.

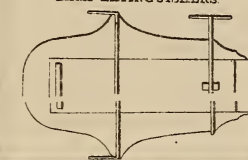


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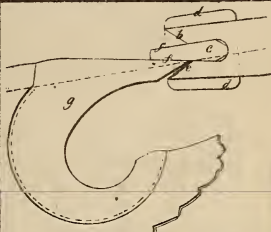
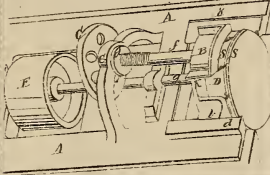
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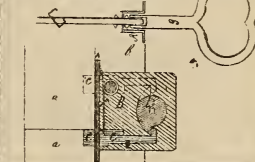
97,757, WILLIAM I. BUNKER.
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97,758, ROBERT F. BURNS.
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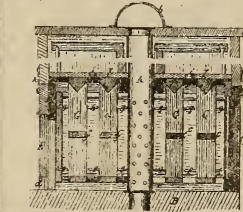
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SAW-SWAGE.



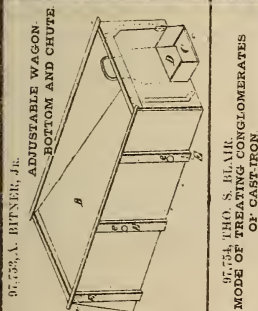
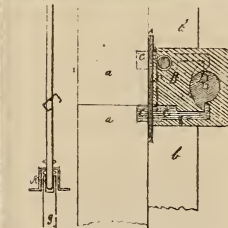
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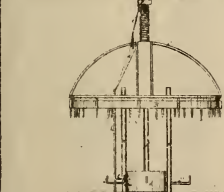
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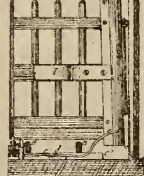
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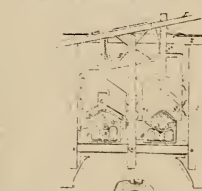
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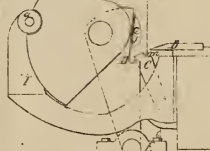
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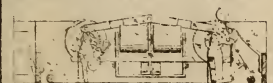
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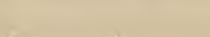
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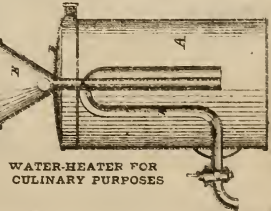
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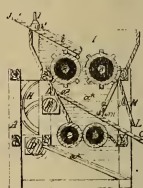
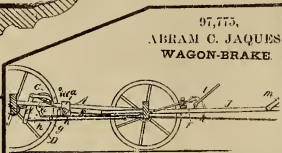
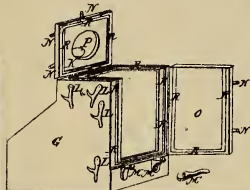
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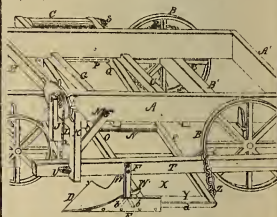
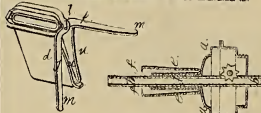
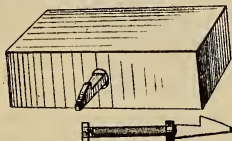
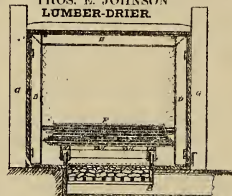
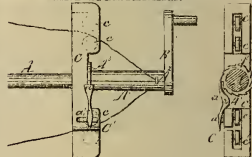
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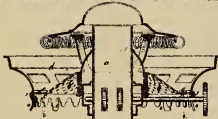
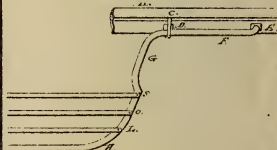
97,767 JOS. W. DOUGLAS PUMPS

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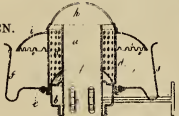
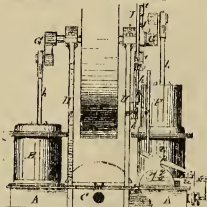
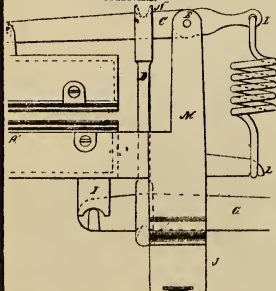
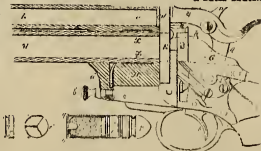
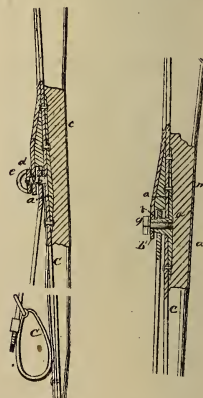
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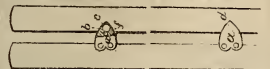
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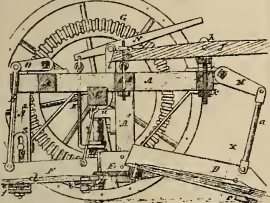
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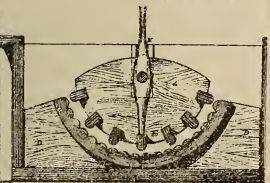
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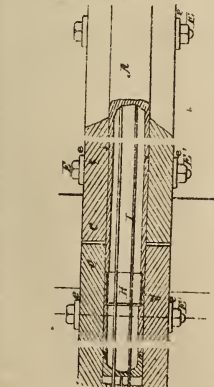
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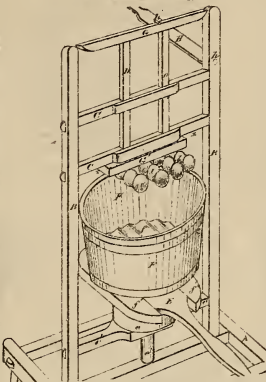
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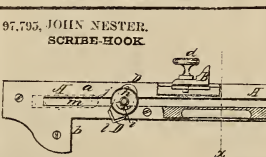
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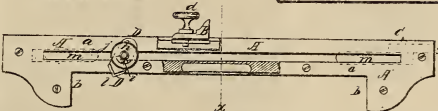
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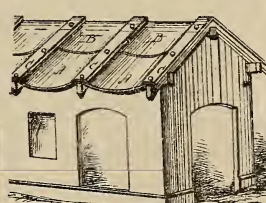
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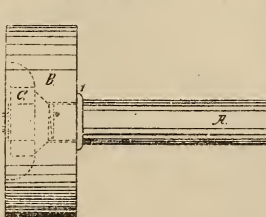
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97,796, H. G. NOBLE, ROOFING.



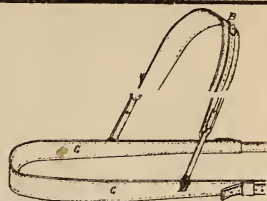
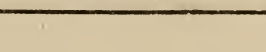
97,797, A. T. NORGAN.
DEVICES FOR FASTENING
PISTONS TO PISTON-RODS



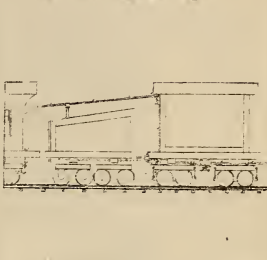
97,798, G. S. NORRIS.
ATTACHABLE AND REMOVABLE CALKS
FOR HORSESHOES.



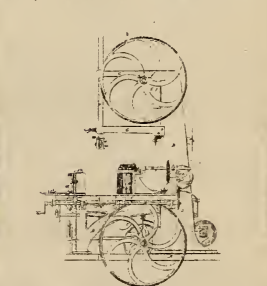
97,799, JOHN PALEN.
HARNESS FOR HORSES.



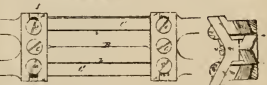
97,800, THOMAS PAYNE.
RAILWAY-CAR BRAKE



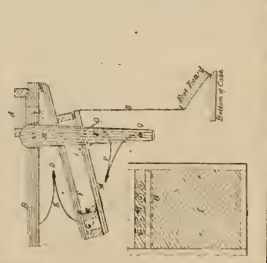
97,801, PERIN, SAW-MILLS



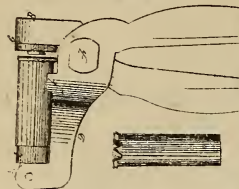
97,802, JOSEPH A. PERLEY.
SPOKE-SHAVE.



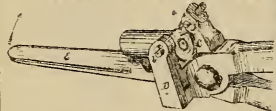
97,803, J. R. PERRY ORGAN-BELLOWS.



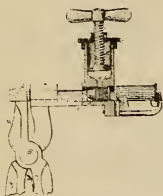
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APPARATUS FOR SETTING CAPS IN
METALLIC CARTRIDGES.



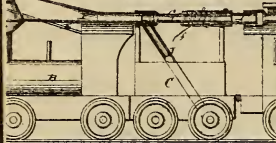
97,805, WILLIAM C. PICKERSGILL.
CAP-EXTRACTOR FOR CARTRIDGES



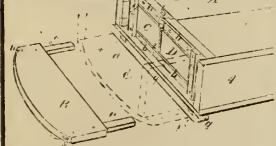
97,806, WILLIAM C. PICKERSGILL.
APPARATUS FOR SETTING BULLETS
IN CARTRIDGES.



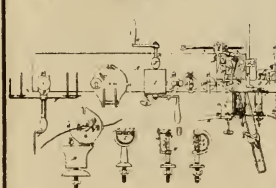
97,807, LEMUEL POWELL.
SMOKE AND SPARK-CONVEYER FOR
RAILROAD-TRAINS



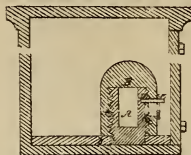
97,808, THOMAS T. POWELL,
JOHN F. BURROUGHS.
CONVERTIBLE END-BOARD
AND PLATFORM
FOR WAGONS



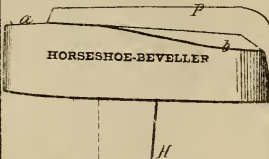
97,809, A. PRUTZMANN.
MACHINES FOR MAKING FLY-NETS



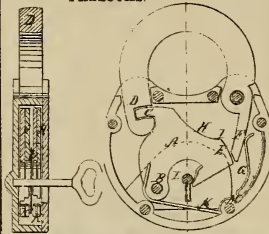
97,810, GEORGE W. PUTNAM.
BURGLAR-PROOF SAFES



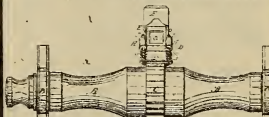
97,811, EPHRAIM QUINBY.



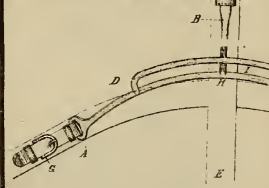
97,812, JNO. S. RANKIN.
PADLOCKS.



97,813, E. B. RICH, SHIP-WINDLASSES.



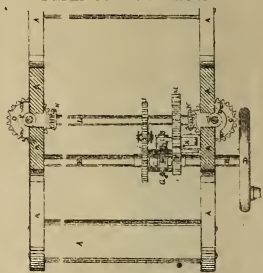
97,814, LEMUEL RICHMOND.
FEIN-GUIDE FOR HARNESS.



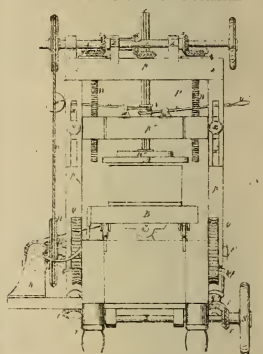
97,815, STACY RISLER.
CHURNS



97,816, HENRY SCHIOFIELD.
PAPER-CUTTING MACHINES



97,817, HENRY SCHIOFIELD.
STONE-POLISHING MACHINE

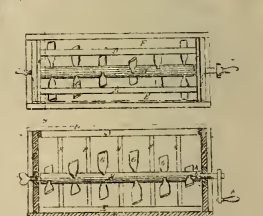


97,818, SOCRATES SCHOLFIELD.
TWIST-DRILLS

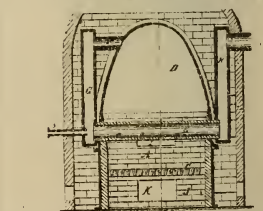


SAMUEL SMITH. CHURNS.

97,819

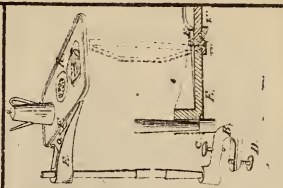
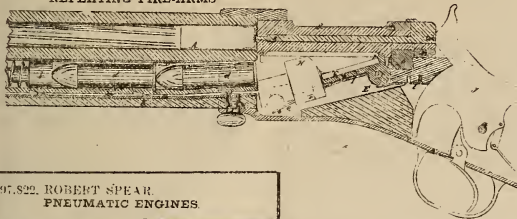
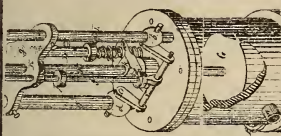
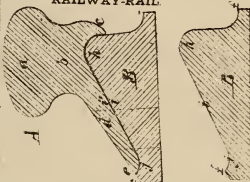
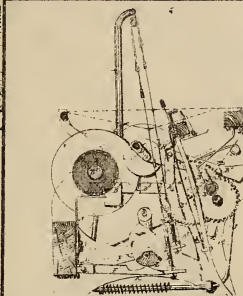
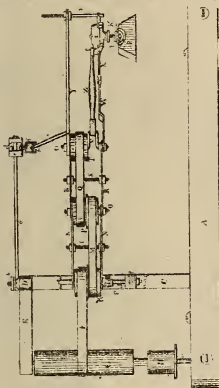


97,820, GEORGE H. SMITH.
SMOKE-CONSUMING FIRE-BOXES

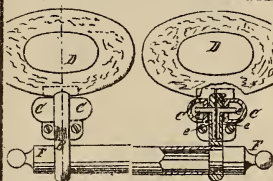
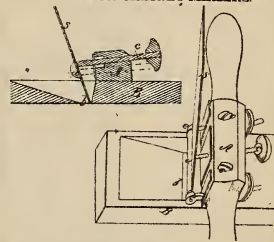
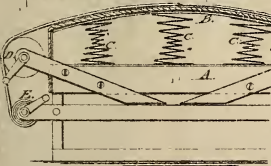
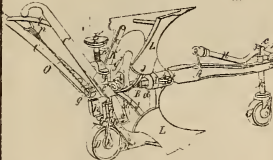
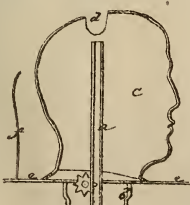


97,821, W. S. SMOOT

REPEATING FIRE-ARMS

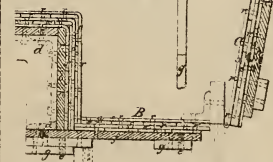
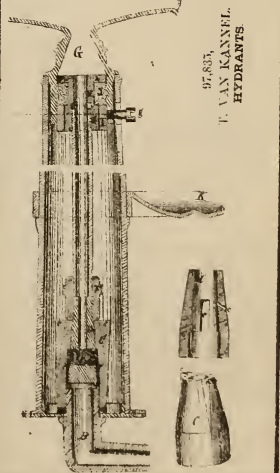
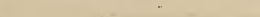
97,822, ROBERT SPEAR
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RAILWAY-RAIL97,823, WM. F. SPEAR
MACHINE FOR POLISHING WOOD

97,827, CLARK STRONG, COFFIN-HANDLE

97,833, RICHARD W. TANNER.
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FLOWS97,825, CORNELIUS ST. JOHN,
CHARLES E. MAISTON.
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97,829, T. J. SULLIVAN.

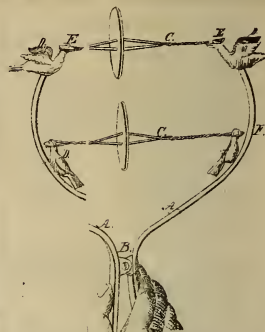
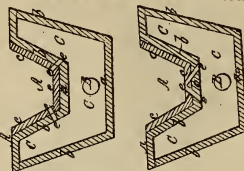
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97,830, JAMES SWAN.
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F. VAN KANDEL.
HYDRANTS97,826, LAMAR STONE
LOOMS97,831, G. L. SWETT
STOVE-SHELF

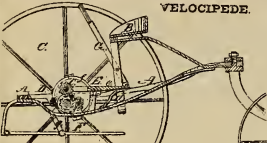
97,836, JOSEPH VENET.
RETICULE WICKER-BASKET



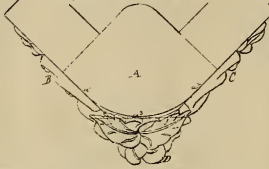
97,844, SAMUEL M. WICKERSHAM.
APPARATUS FOR PURIFYING IRON



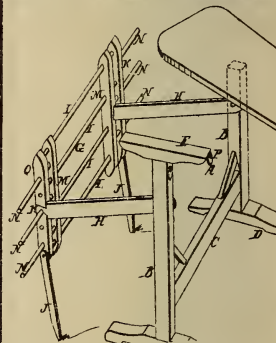
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VELOCPEDE.



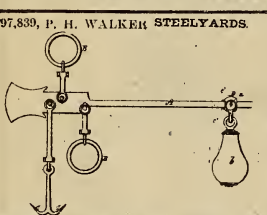
97,845, HENRY WILLIGHS.
MAKING PIANO-LEGS.



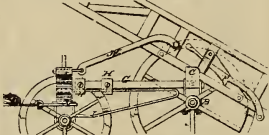
97,851, WM. P. ADAMS.
IRONING-TABLE AND CLOTHES-DRIER.



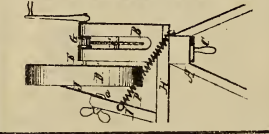
97,838, HENRY BALEN WALKER.
SILVERING GLASS AND IN
PROTECTING THE SAME.



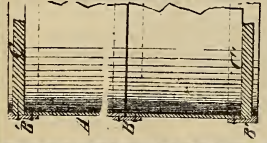
97,846, DANIEL WILLSON.
DUMPING-WAGON.



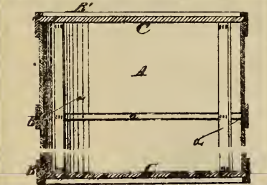
97,847, EDWIN L. YANCEY.
HARVESTER-KNIFE GRINDER.



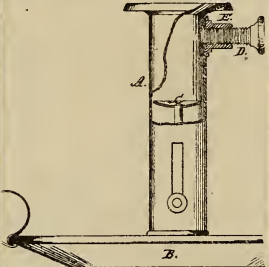
97,840, DANIEL H. WATERS. BARREL.



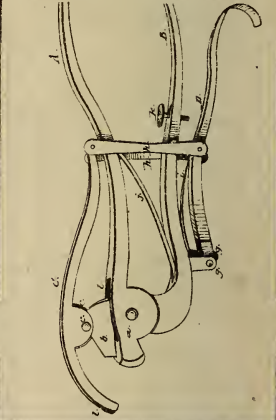
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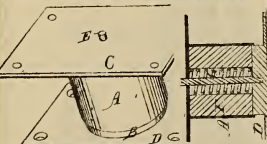
97,848, H. ZAHN. CANDLESTICK.



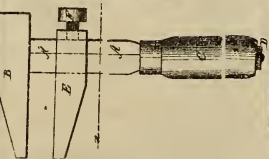
97,852, DANIEL AGNEW. SAW-SETS.



97,842, C. WHEELER, JR. CAR-SPRING.



97,849, SAMUEL ZARLEY.
MONKEY-WRENCH.



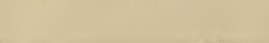
97,853, HENRY A. ALDEN. PROTECTING
THE ENDS OF VULCANIZED-
RUBBER HOSE

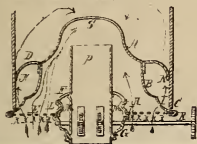
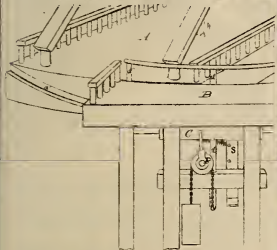
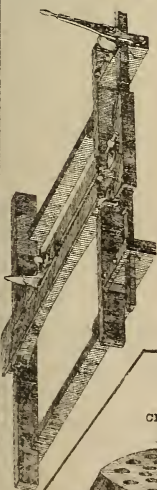
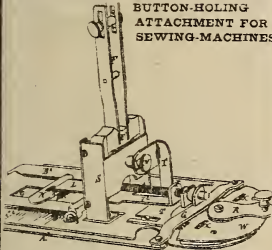
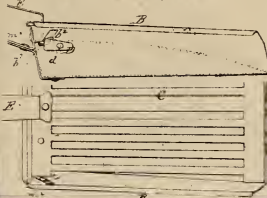
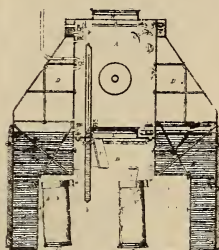


97,843, ROLLIN WHITE.
METALLIC CARTRIDGES

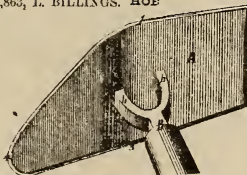
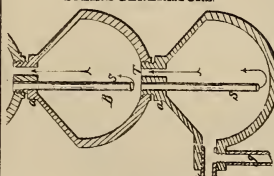
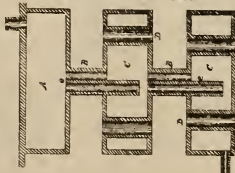
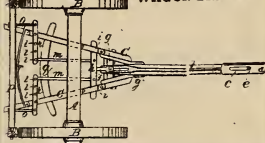
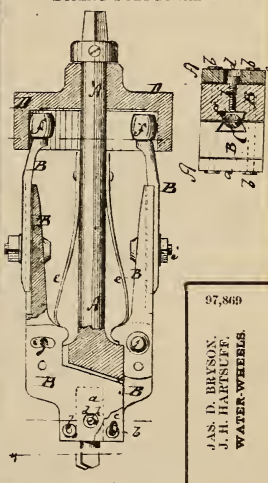


97,850, A. F. ABLE.
HUMMING-WHEEL TOY.

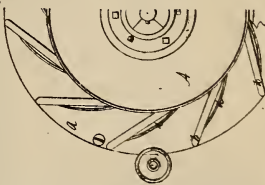
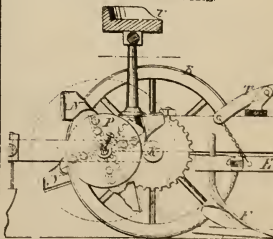


97,854, J. B. ALEXANDER.
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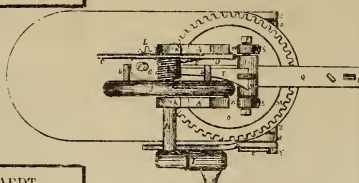
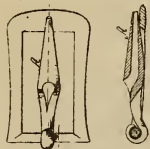
97,863, L. BILLINGS. HOP

97,864, EDWARD BOURNE.
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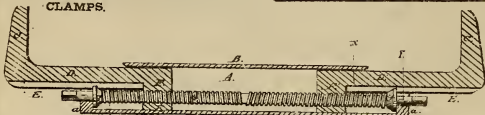
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JAS. D. BRISON.
J. H. HARTSCHE.
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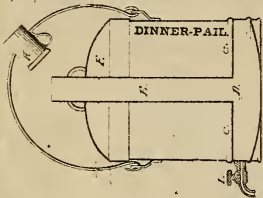
97,871, ISAAC W. BURCH, BUCKLES



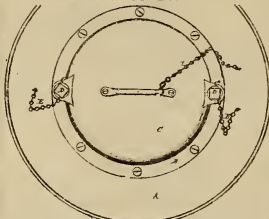
97,872, MATHIAS G. BURKHARDT, CLAMPS.



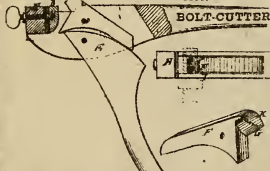
97,873, NELSON C. BURNAP.



97,879, L. C. CATTELL, CAR-TANK COVER.

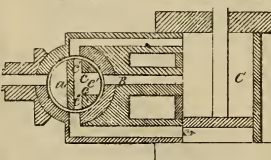


97,874, ORREN E. BUTLER, STEPHEN F. DUNHAM.



97,880, EDWIN CHESTERMAN, MANUFACTURE OF RUBBER SPONGE

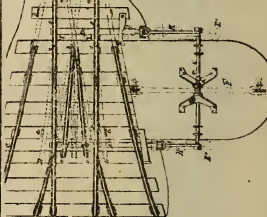
97,881, ABM. COATES, VALVES FOR WATER-ENGINES.



97,885, PHILIP COOK, JR., MOP.

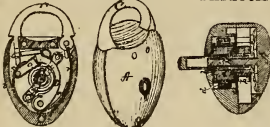


97,886, J. R. COX, JAMES O'CONNOR, MICHAEL CAHALAN, RAILWAY-SWITCH

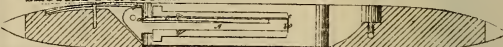


97,875, S. G. CABELL.

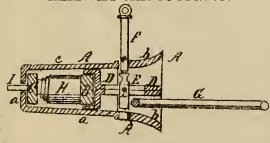
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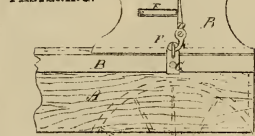
97,882, JOHN H. COBURN, SHUTTLE FOR LOOMS.



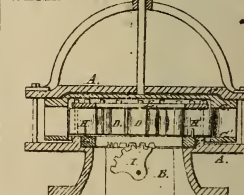
97,876, S. O. CAMPBELL, RAILWAY-CAR COUPLING.



97,883, CHARLES COLLINS, WAGON-SEAT FASTENING.



97,888, GEORGE W. CRESSMAN, BERT PFLEGER, NICE KEELY, WATER-WHEEL.



97,877, GEORGE J. CAPEWELL, WRENCH AND SAW-SET COMBINED



97,887, ISAAC CRAFT.



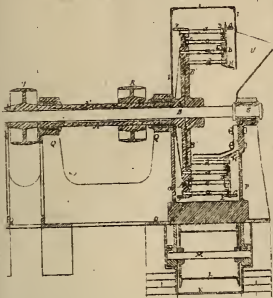
97,878, J. S. CAIRN, MACHINE FOR DRESSING MILLSTONES.

97,884, ROBERT CONARROE, HARVESTERS

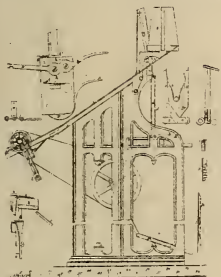


97,889, JOHN C. CROSMAN,
OBADIAH MARLAND
TREATING WHISKEY AND OTHER
ALCOHOLIC SPIRITS.

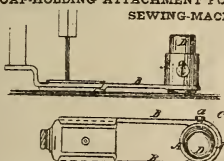
97,890, GARRET J. DAVIDS.
DISINTEGRATING-MILLS.



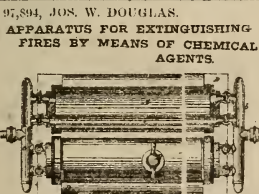
97,891, I. DELCAMBRE.
MACHINES FOR COMPOSING AND
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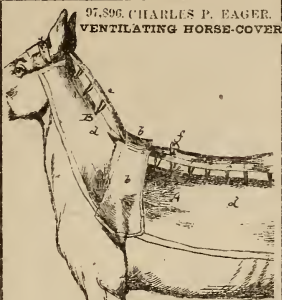
97,892, MARY DEWEY.
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97,893, JULIUS EDMUND DOTCH.
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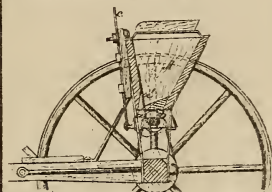
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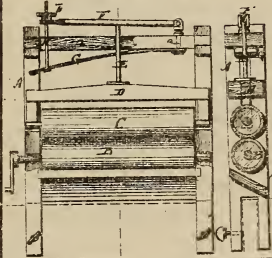
97,896, CHARLES P. EAGER.
VENTILATING HORSE-COVER

97,897, WILLIAM FENNIS
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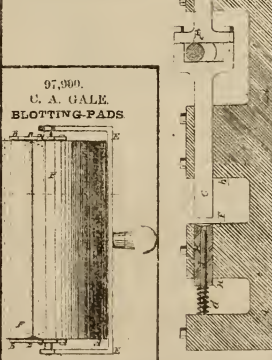
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SEEDING-MACHINES.



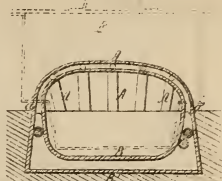
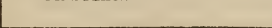
97,899, M. M. FOLLETT.
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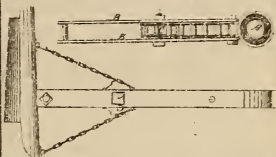
97,901, MANUFACTURE OF NUTS
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JAMES CHRISTIE.



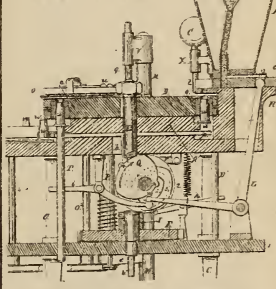
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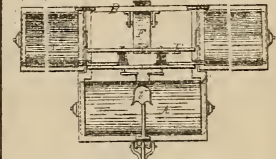
97,903, JACOB F. GIBSON GRAIN-DRILLS



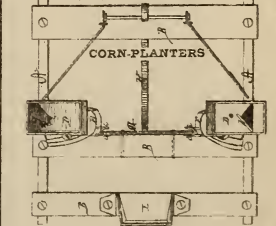
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CARTRIDGE-MACHINE.



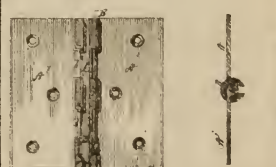
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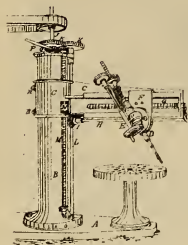
97,906, HENRY GORTNER.



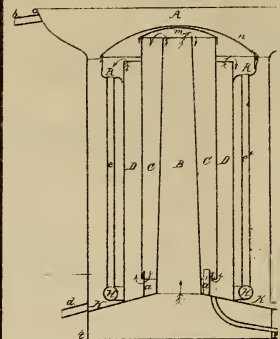
97,907, D. R. GOULD HINGE



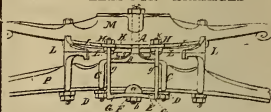
97,908, G. A. GRAY, JR.
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97,914, AMBROSE HAZZARD.
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97,919, RICHARD HOADLY.
FIFTH-WHEELS FOR CARRIAGES



FREDERICK FRANCIS GREENWOOD.
97,909, BUCKLES



97,915, WM. HEARLE.
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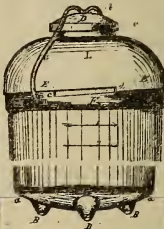
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HOLCOMB.
FRUIT-JARS.



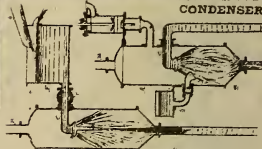
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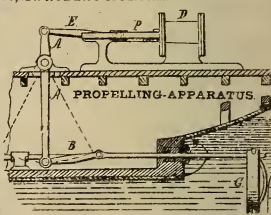
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THOMAS HOUGHTON.
HENRY H. HOUGHTON



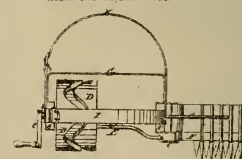
97,923,
JOHN HOUP.
CONDENSERS



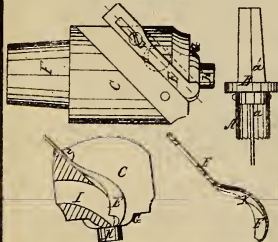
97,924, ROBERT HUNTER.



97,925, ASAHEL H. HUSSEY.
HEDGE-TRIMMER

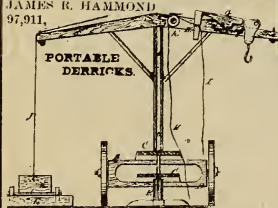


97,910, LOUIS L. GUNTHER.
TOOL FOR CARVING WOOD.

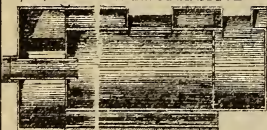


JAMES R. HAMMOND
97,911,

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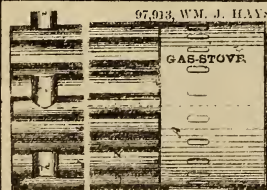


97,912, B. R. HAWLEY, COAL-STOVE

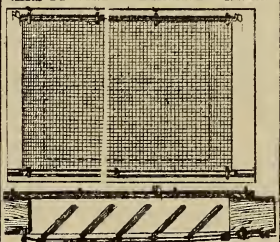


97,913, WM. J. HAYS

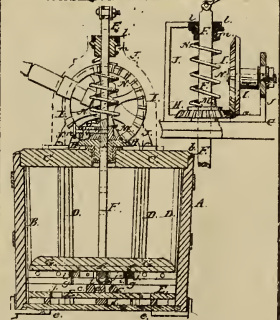
GAS-STOVE



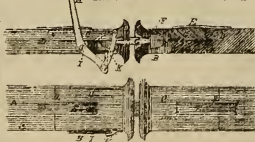
97,916, JAMES HEBRON.
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BARS TO WINDOW-BLINDS, DOORS, &c.

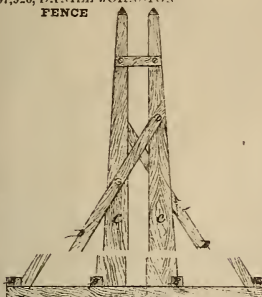


97,917, EDWARD HEIM
WASHING-MACHINE.

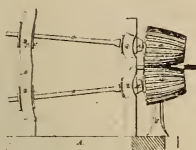
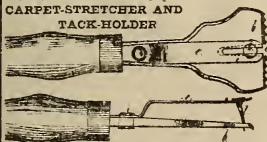
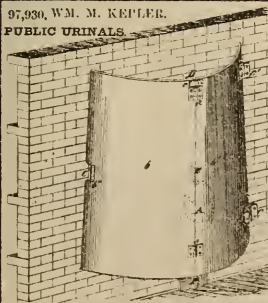
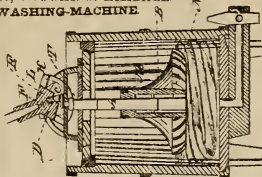
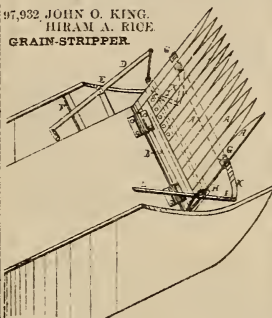
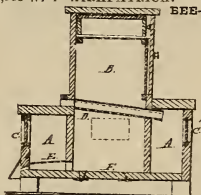


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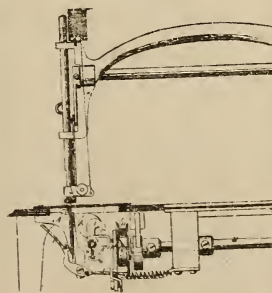
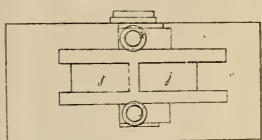
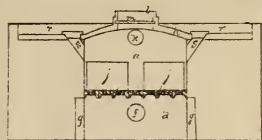
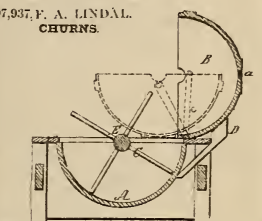
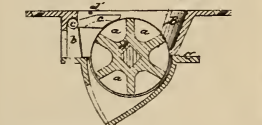
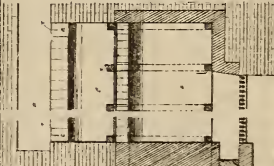
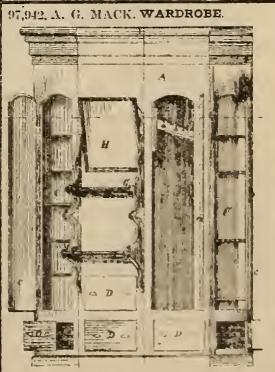


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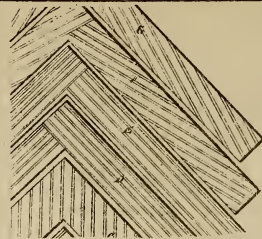
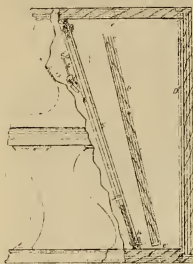
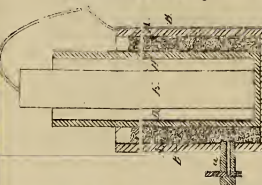
97,927, JAMES M. JONES SAW-SETS

97,928, J. A. JOYNER.
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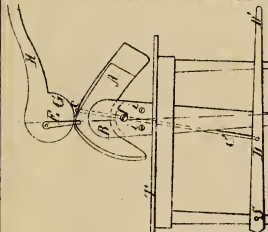
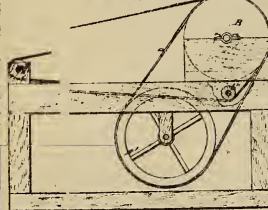
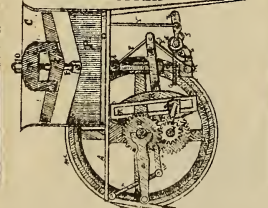
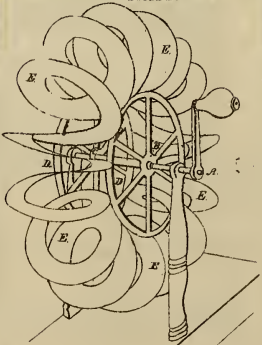
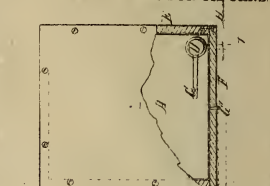
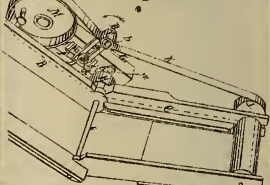
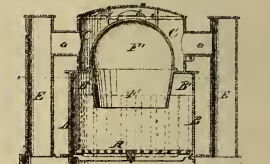
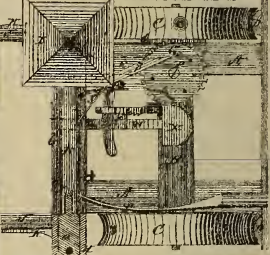
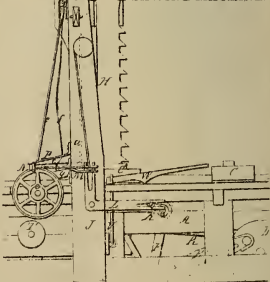
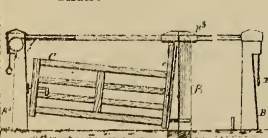
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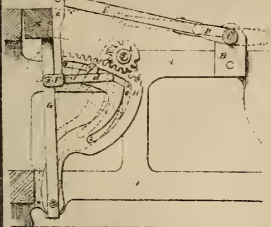
97,935, L. W. LATHROP
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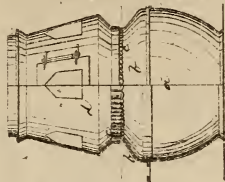
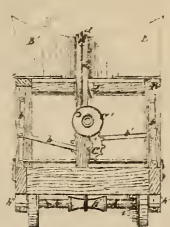
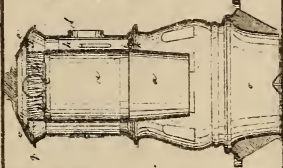
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97,944, F. P. MARCY, BOOT-CRIMPER.

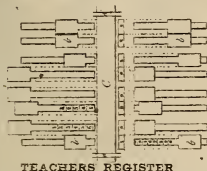
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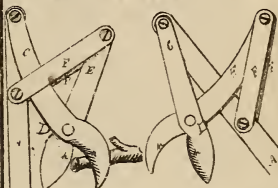
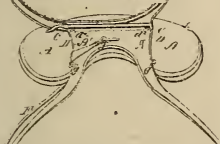
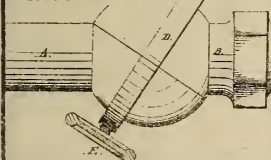
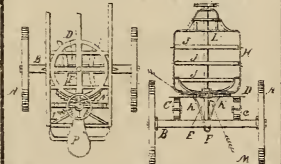
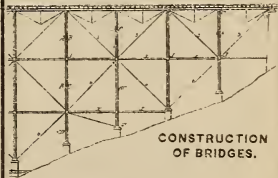
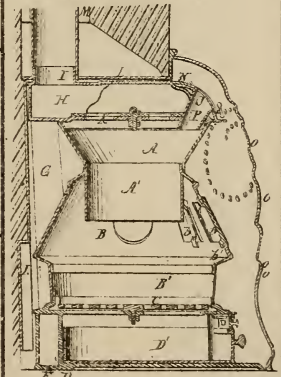
97,966. WATSON SANFORD COAL-STOVE.

97,971. THOMAS L. SHAW.
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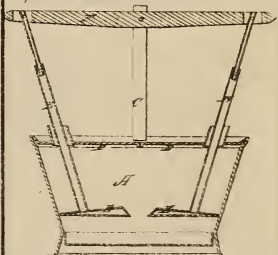
97,960. W. N. POULSON. W. S. POULSON.



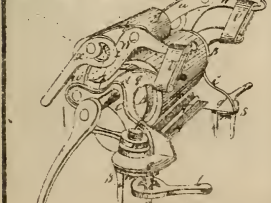
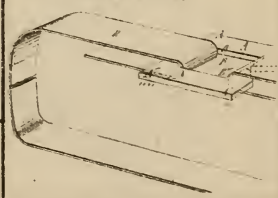
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97,973. JOHN H. SHEPAX.
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SIDE-SADDLE TREE.97,974. ALBERT SINGLAR.
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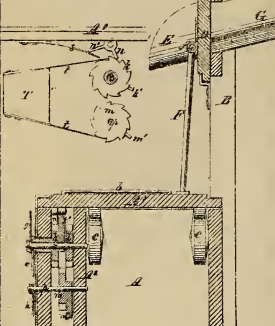
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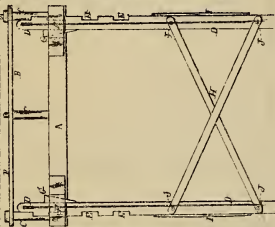
97,961. S. B. ROWLEY FRUIT-JARS.

97,965. E. P. RUSSELL.
CLOTHES-WRINGER.97,977. WILLIAM M. SMITH.
COTTON-BALE TIES.97,972. WM. ANTHONY SHAW.
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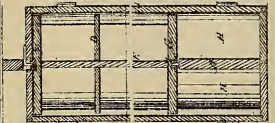
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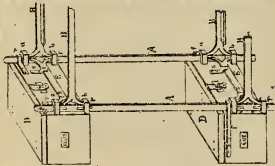
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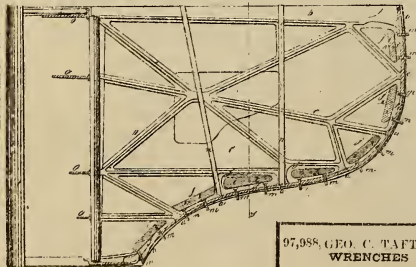
97,980. WENDELL WRIGHT.
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97,981. CHAS. S. SNEAD.
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97,982. C. F. TH. STEINWAY.
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97,983. JOHN STENHOUSE.
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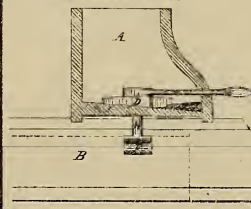
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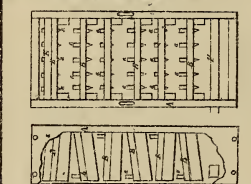
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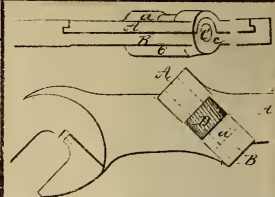
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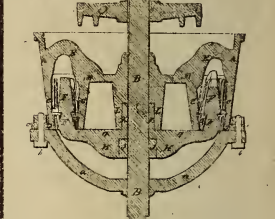
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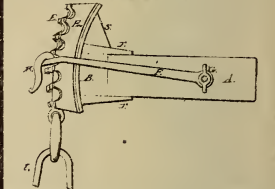
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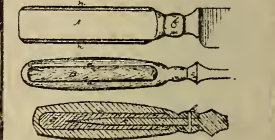
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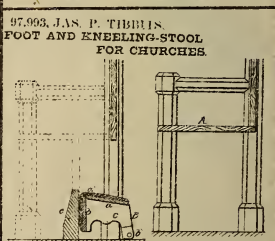
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97,991. ALBERT L. TAYLOR.
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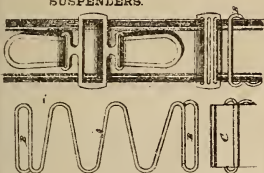
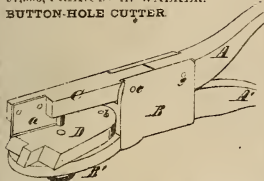


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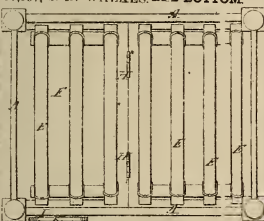
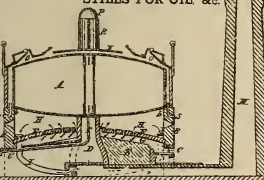
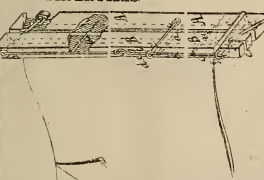
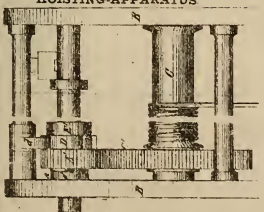
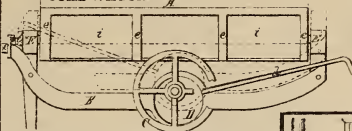
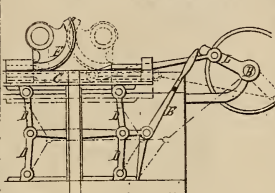
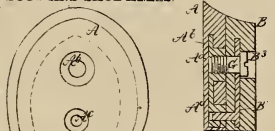
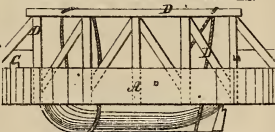
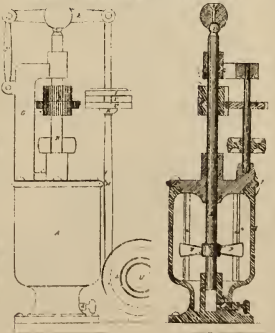
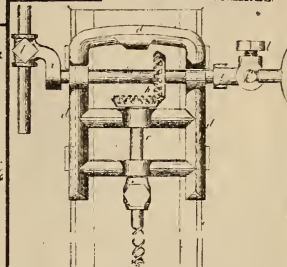


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RAILWAY-CARRIAGE
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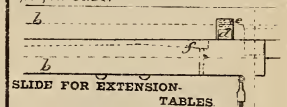
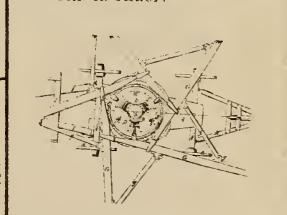
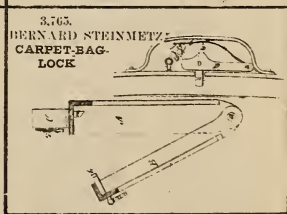
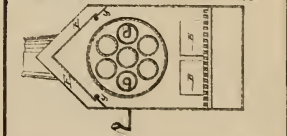


97,995, CASPER VAN HORSSEN.
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97,997, C. D. WALKER. BFD-BOTTOM.

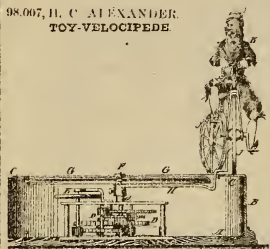
97,998, JOHN WARREN.
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3,759, JOHN AUGUSTUS LYNCH.
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3,761, H. OLDS.

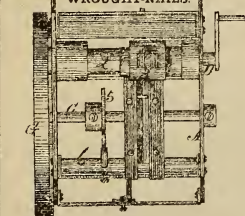
3,762, CHAS. PRATT.
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ILLUSTRATIONS OF PATENTS
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THE UNITED STATES PATENT OFFICE,
DEC. 21, 1869.

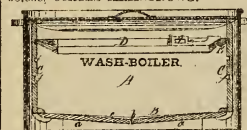
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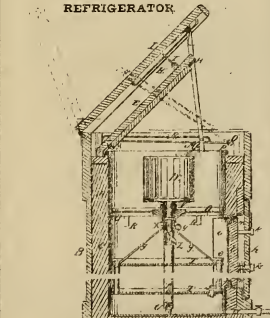
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MACHINES FOR MAKING
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98,009, JAMES ARMSTRONG.



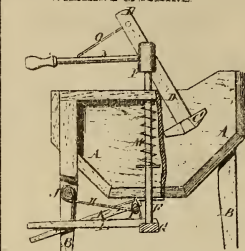
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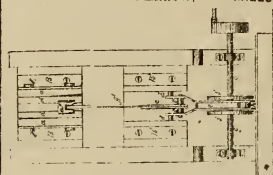
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HYDRANTS



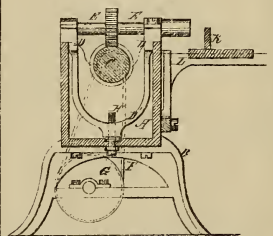
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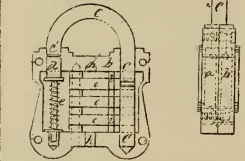
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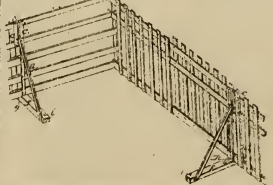
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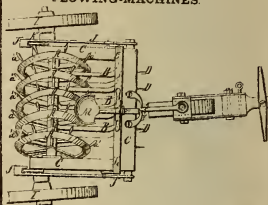
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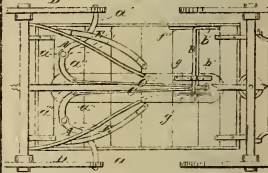
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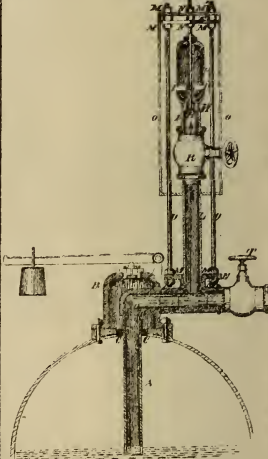
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FLOWING-MACHINES



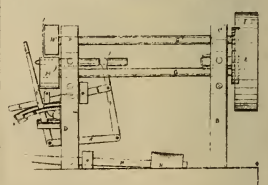
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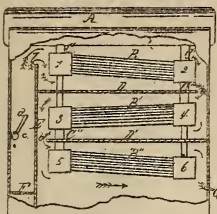
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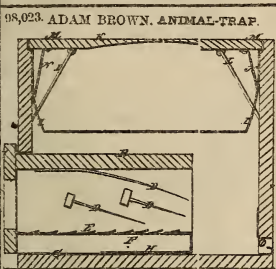
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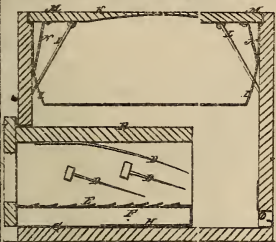
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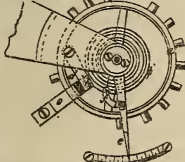
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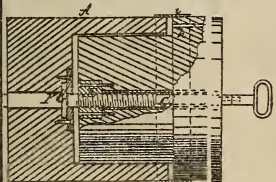
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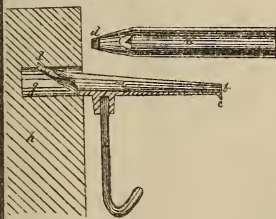
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FOR WATCHES



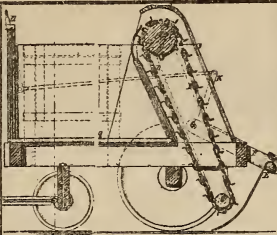
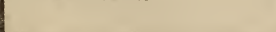
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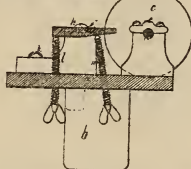
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98,027, JAMES CAPEN.
HAY-LOADER.



98,028, GEO. T. CHATTAWAY.
JOHN DICKINSON.
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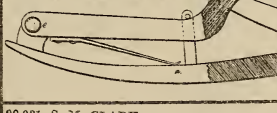


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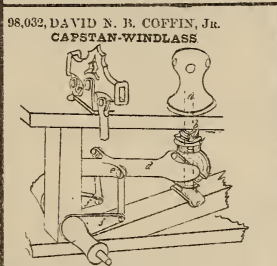


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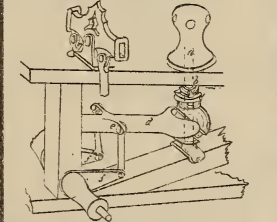
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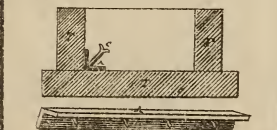
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AND REVENUE-STAMP.



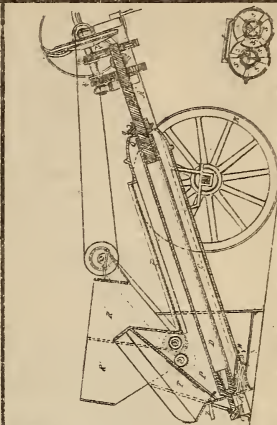
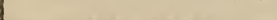
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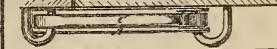
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METAL-CLAD ARTIFICIAL STONE.



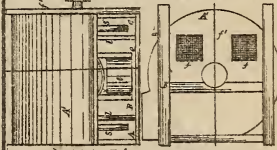
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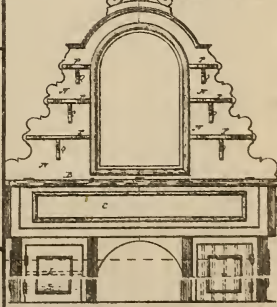
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HASP-LOCK.



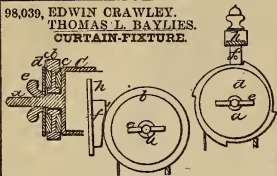
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FROM RAWS.



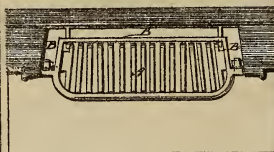
98,038, EDW. COTTER. COMBINATION OF
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AND CABINET.



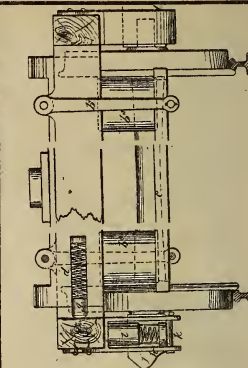
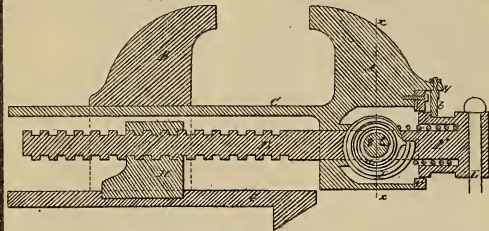
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THOMAS L. BAYLIES.
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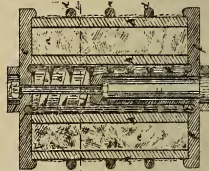
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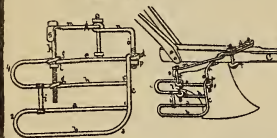


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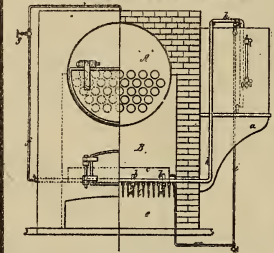
98,041.

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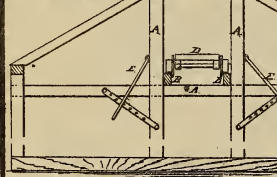


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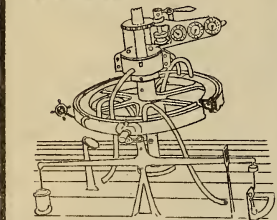
VAPORIZING PETROLEUM. &c.



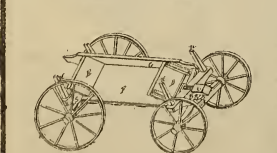
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HAY AND GRAIN-
ELEVATORS.



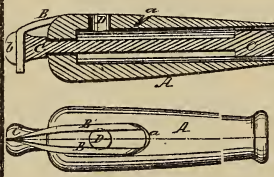
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DYNAMOMETERS.



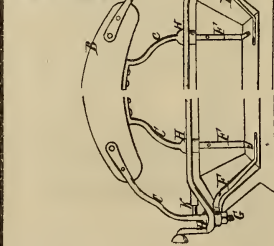
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DUMPING-WAGONS.



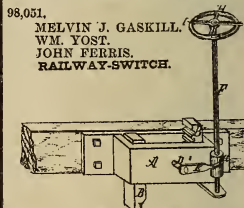
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EDWARD TRASK.
TOY-GUN.



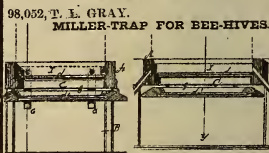
98,048,
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98,049, P. G. GARDINER.
RAILWAY-CAR TRUCKS.

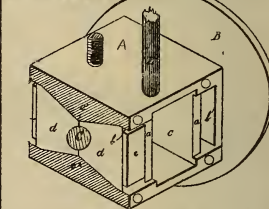


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MELVIN J. GASKILL.
WM. YOST.
JOHN FERREIS.
RAILWAY-SWITCH.

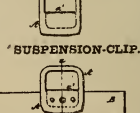


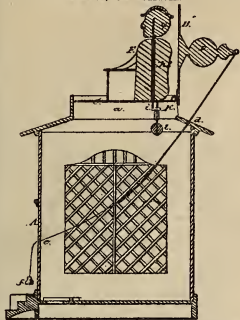
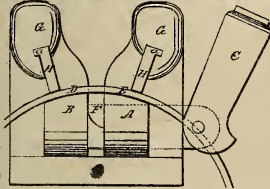
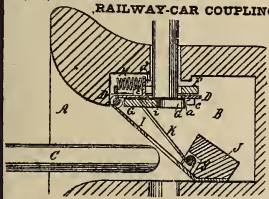
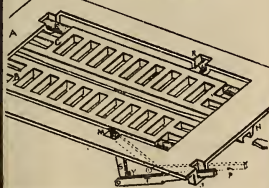
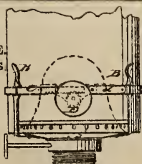
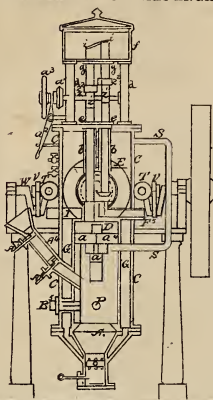
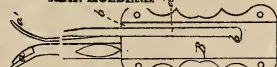
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98,053, CHARLES GREEN.
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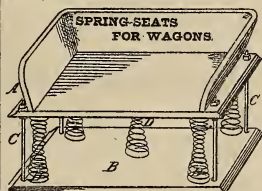
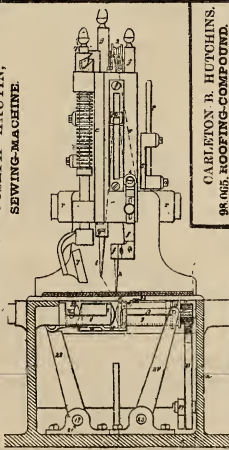
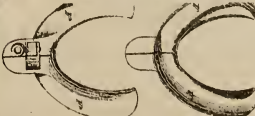
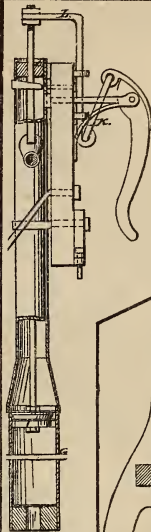
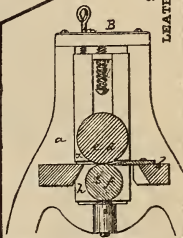


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J. C. CARY.

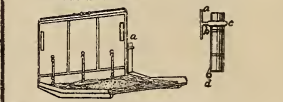


98,053, JOHN HALL.
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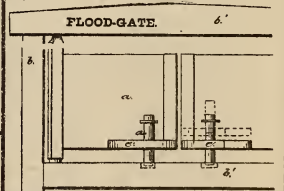
98,063, ABEL L. HURTT

98,064, AUGUSTE JACQUES HURTU
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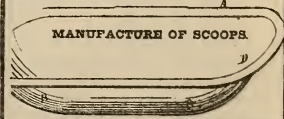
98,069, E. S. KIMBALL.

98,070, CHARLES P. KIMBALL.
WHIP-SOCKET.

98,071, ABRAHAM L. KING.



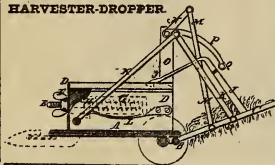
98,072, J. G. KNAPP.

98,073, D. R. KNIGHT.
DRIVE-WELL TUBES.

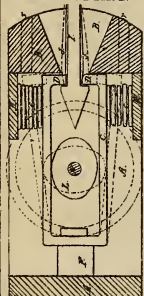
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ABOUT CHIMNEYS.



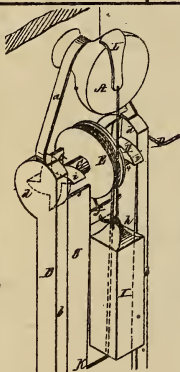
98,075, T. F. LIPPINCOTT.
HARVESTER-DROFFER.



98,076, JOSEPH LONG.
CAR-COUPLING.

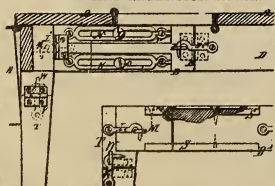


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HEAD-REST.

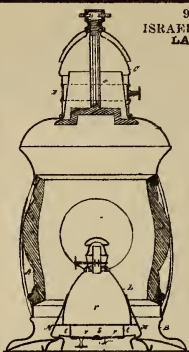


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BURGLAR-ALARM.

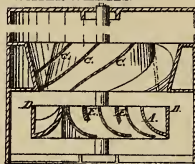
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FOLDING AND EXTENSION-TABLE.



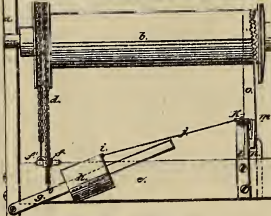
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ISRAEL C. MAYO.
LANTERNS.



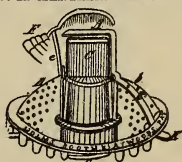
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WATER-WHEELS.



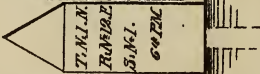
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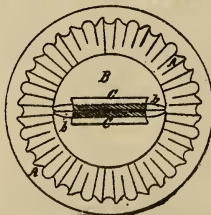
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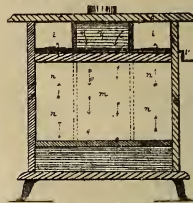
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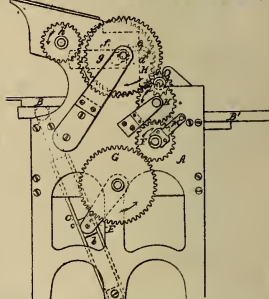
98,085, RICHARD R. MILES.
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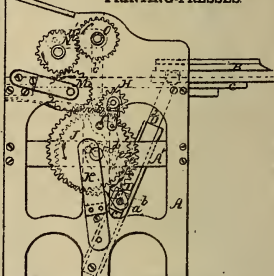
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THOMAS S. MITCHELL.
COOKING-STOVE.



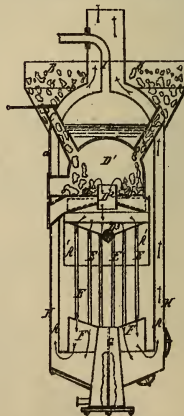
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PRINTING-PRESSES.

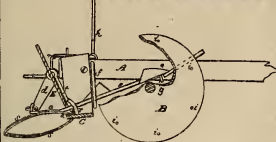


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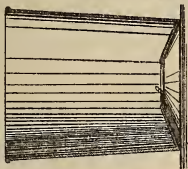


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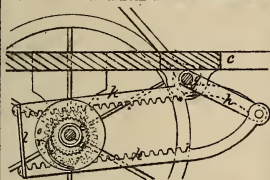
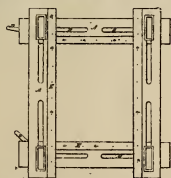


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HARVESTER-DROPPERS.

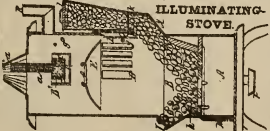
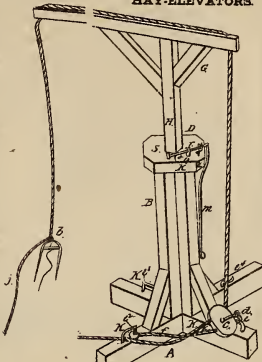
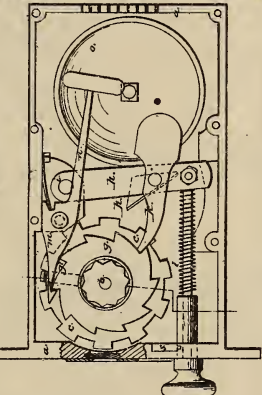
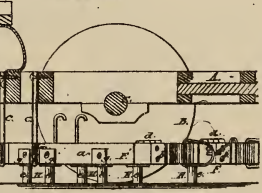
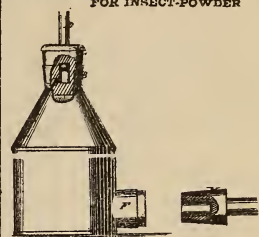
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98,092, ROBERT NEALE. VELOCIPEDS.

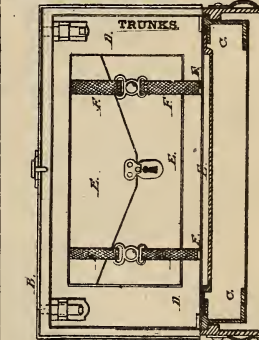
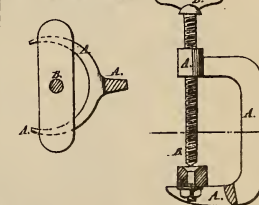
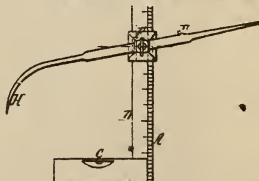
98,093, THOMAS NEWELL.
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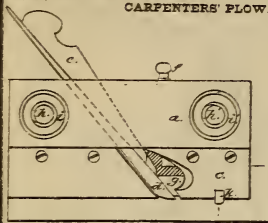
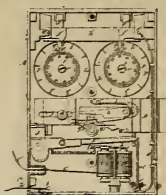
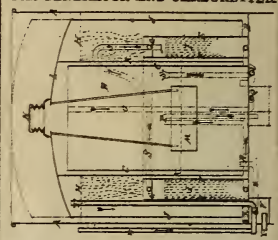
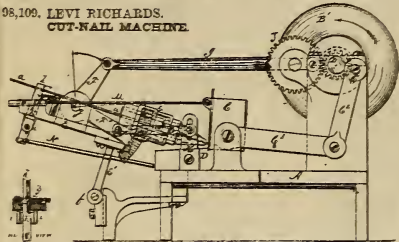
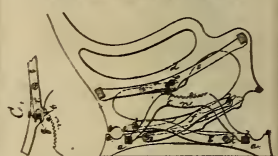
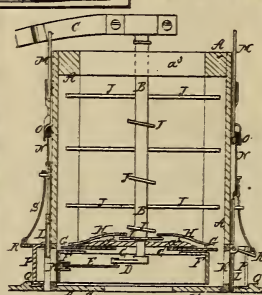
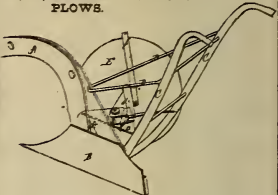
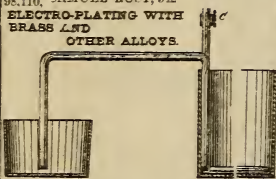
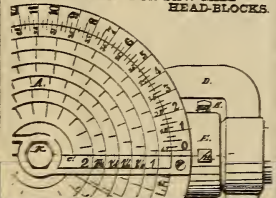
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98,097, JOHN W. DANIEL.
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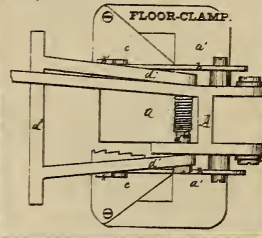
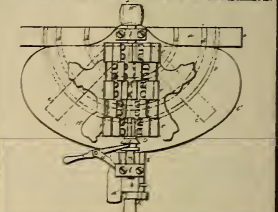
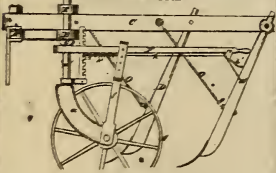
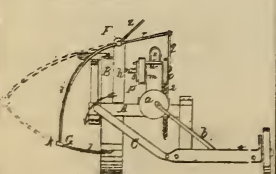
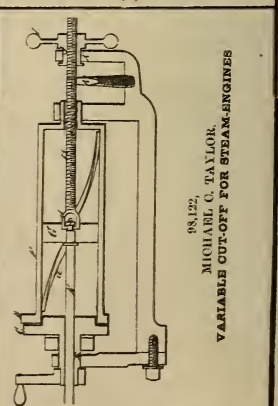
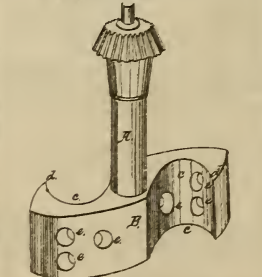
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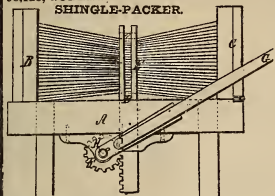
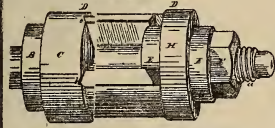
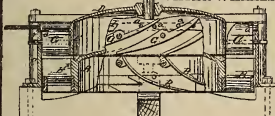
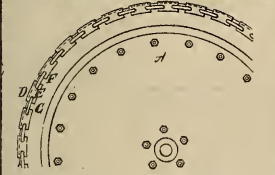
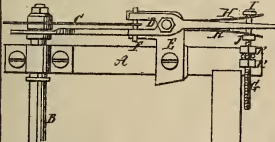
98,104, THOS. B. PEDDIE.

98,105, CHARLES E. PHILLIPS.
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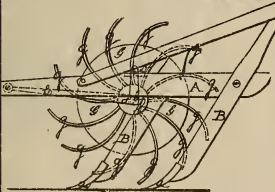
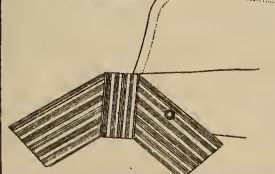
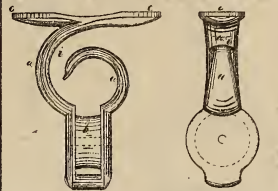
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98,116, JOSEPH B. SPENCER.

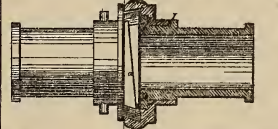
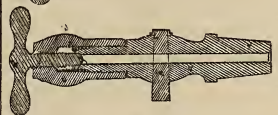
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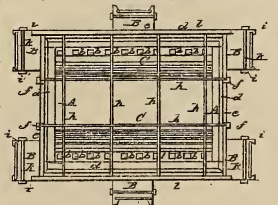
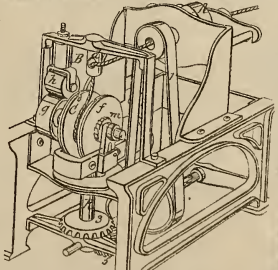
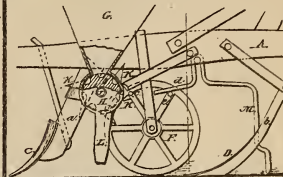
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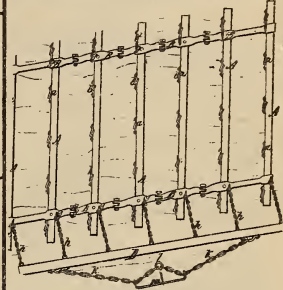
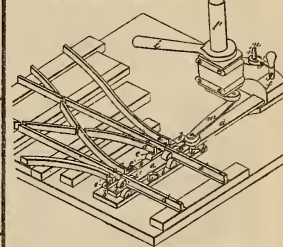
98,131, J. D. WARE. PIPE-COUPLING.

98,132, GEORGE L. WATSON.
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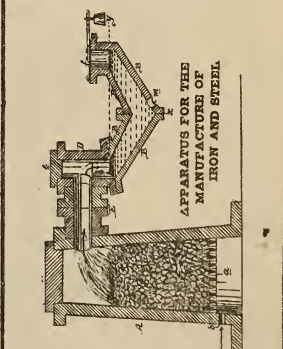
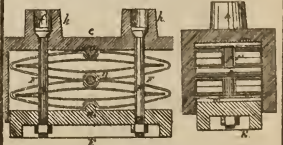
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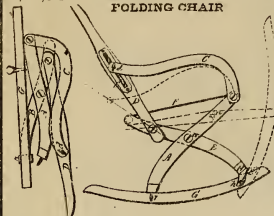
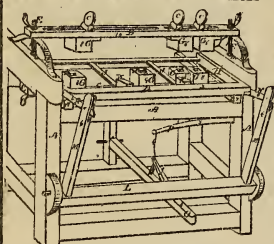
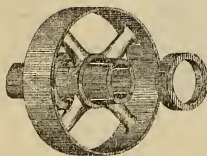
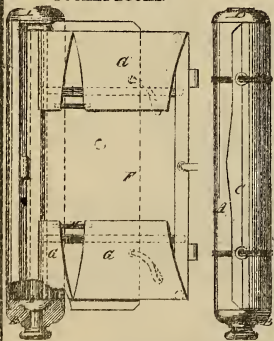
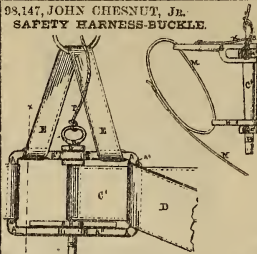
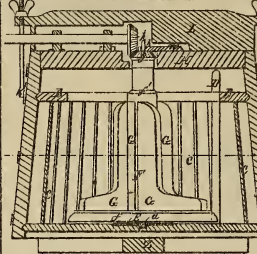
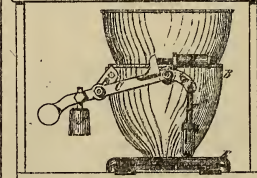
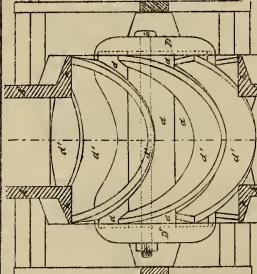
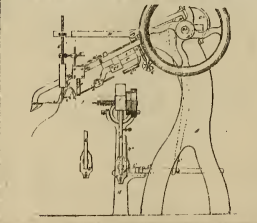
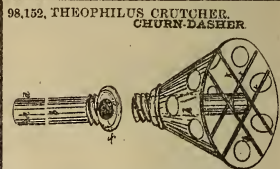
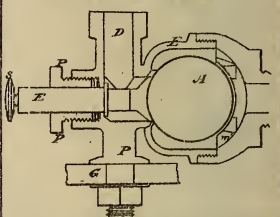
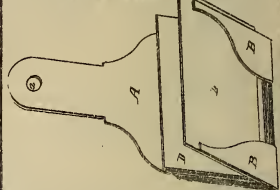
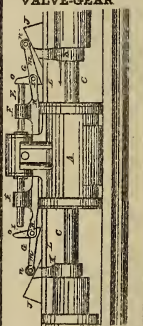
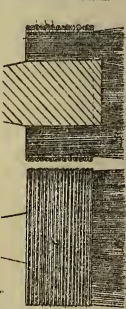
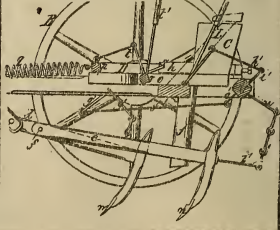
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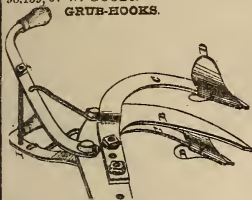
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98,138, EDMUND YARDLEY.
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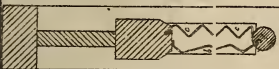
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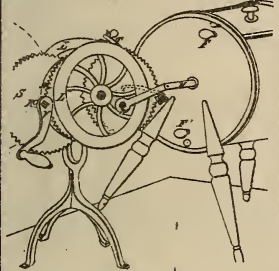
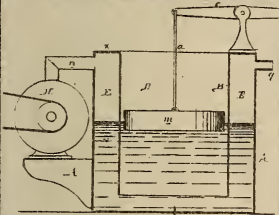
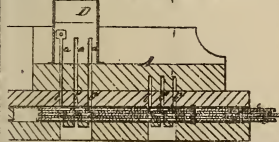
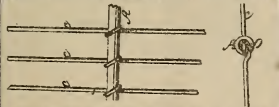
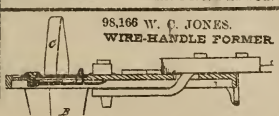
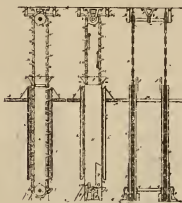
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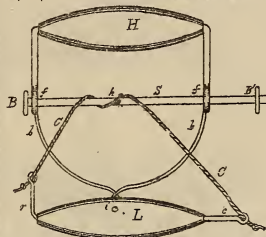
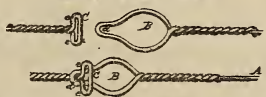
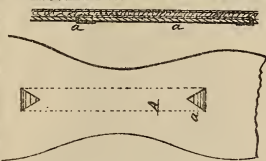
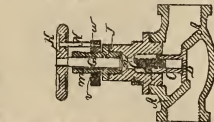
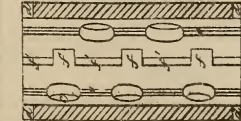
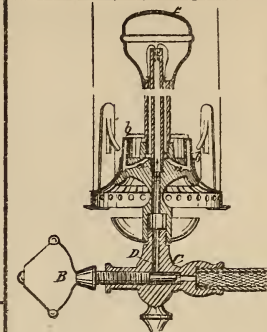
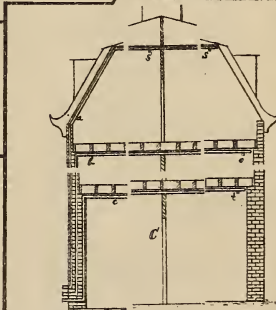
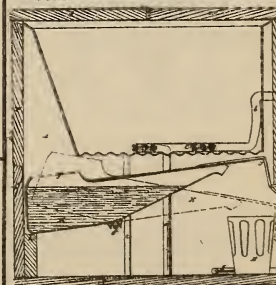
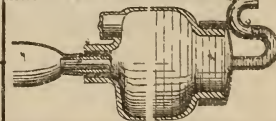
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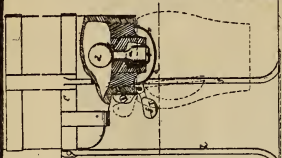
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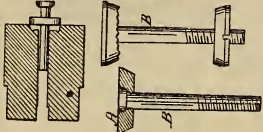
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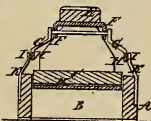


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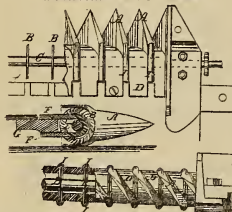
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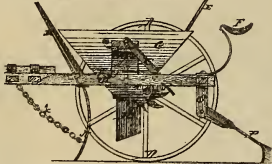
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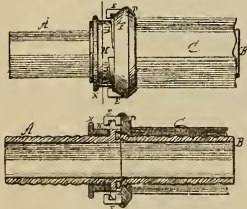
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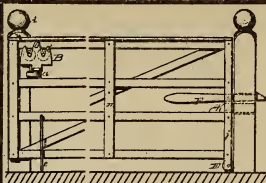
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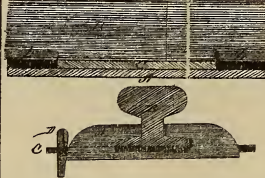
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98,185, CHRISTOPHER OSTRANDER
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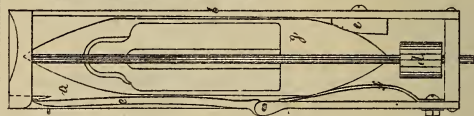
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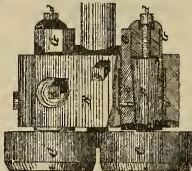
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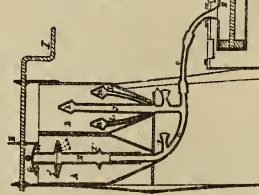
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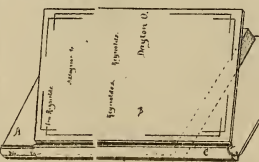
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98,190, FITCH RAYMOND.
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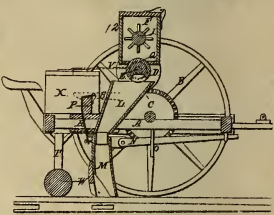
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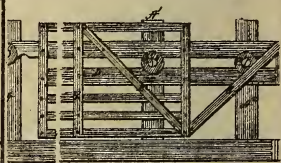
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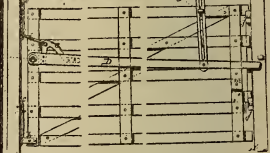
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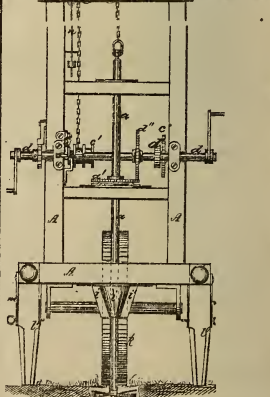
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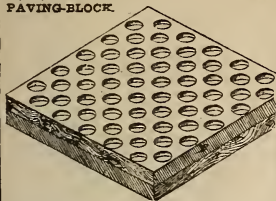
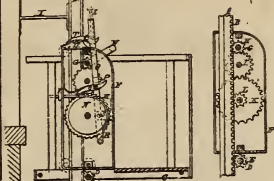
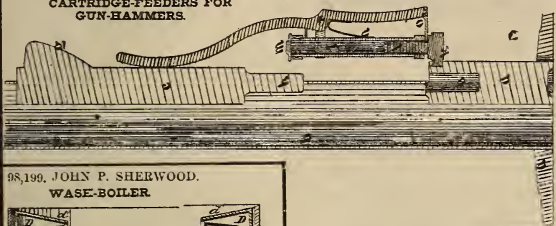


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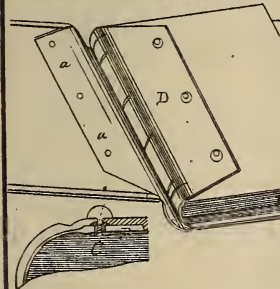
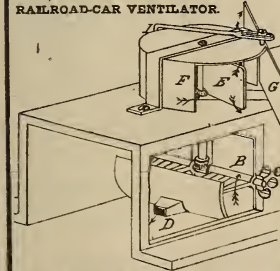
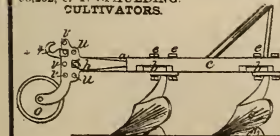
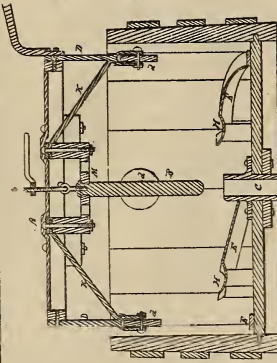
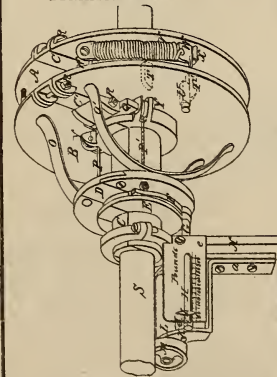
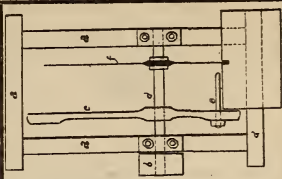
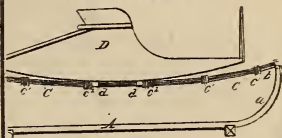
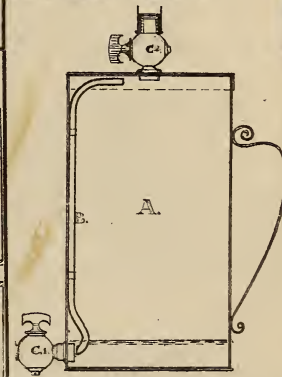
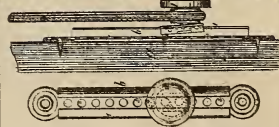
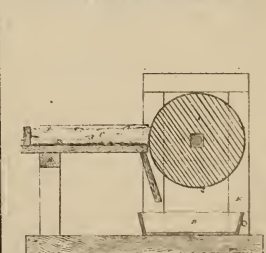


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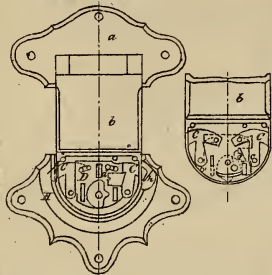
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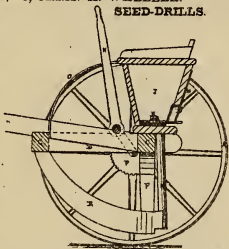
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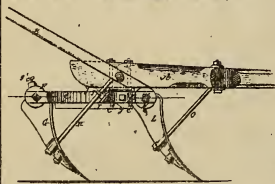
98,212, CORNELIUS WALSH.
JAMES F. CONNELLY.
ALFRED BRATT.
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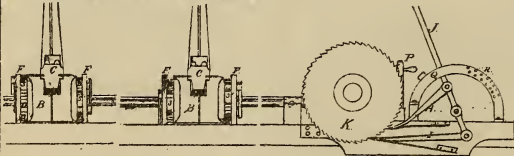
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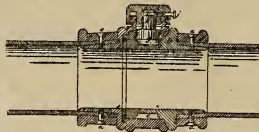
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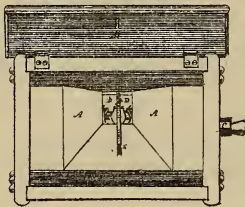
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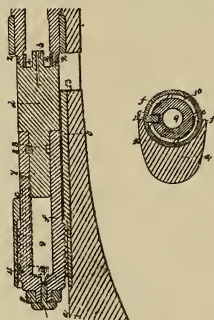
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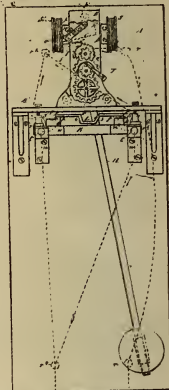
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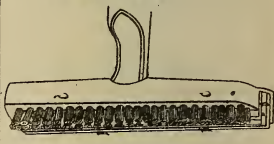
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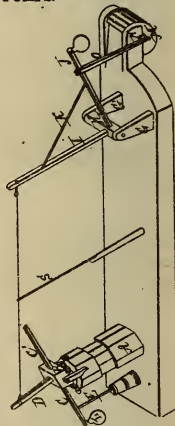
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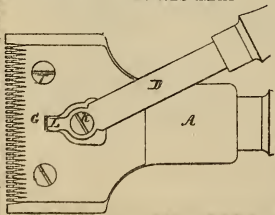
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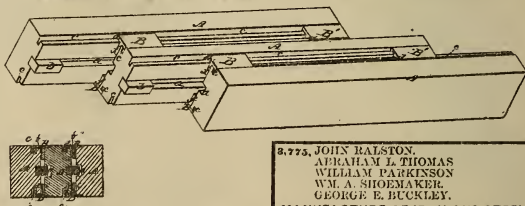
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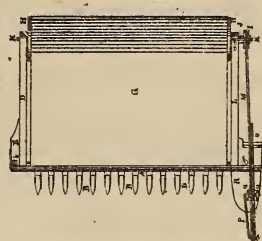
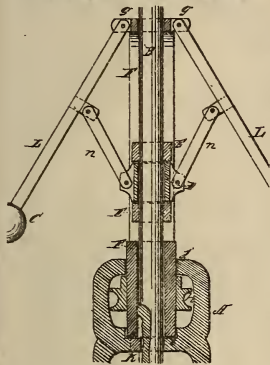
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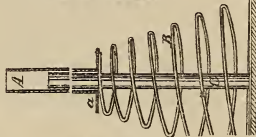
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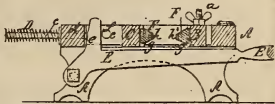
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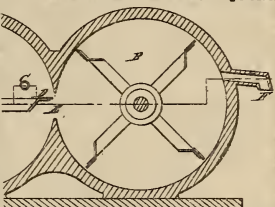
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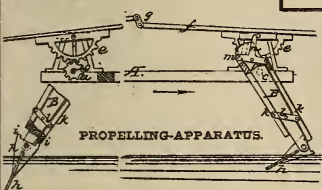
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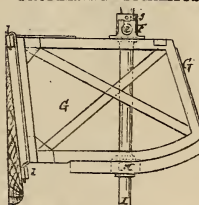
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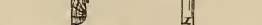
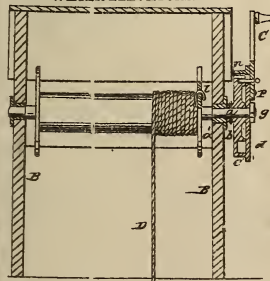
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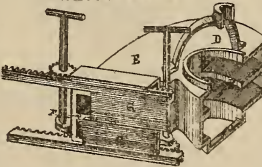
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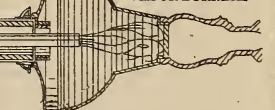
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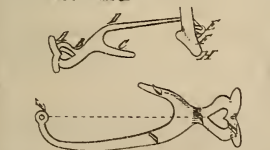
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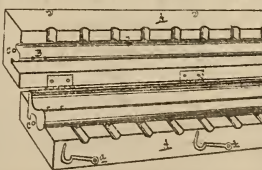
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98,219, SYLVESTER P. BABCOCK.
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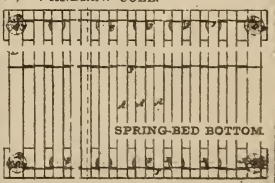
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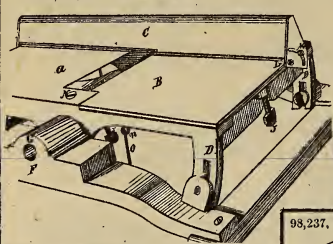
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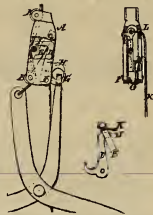
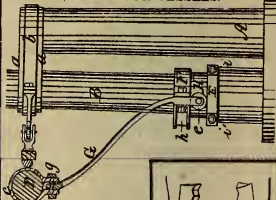
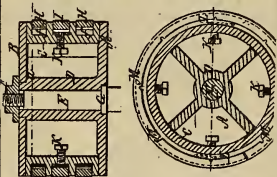
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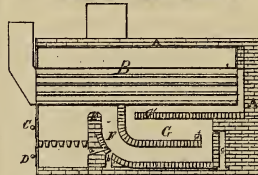
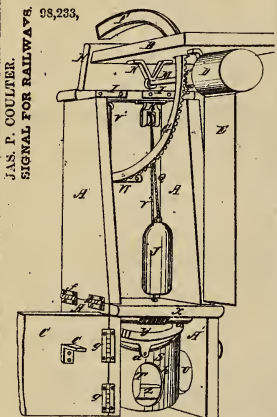
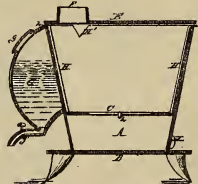
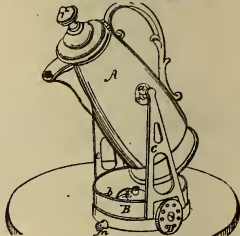
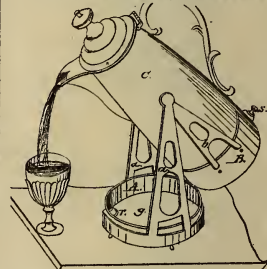
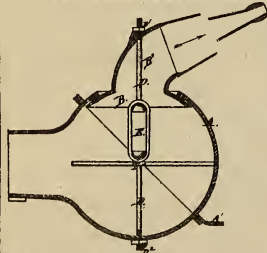
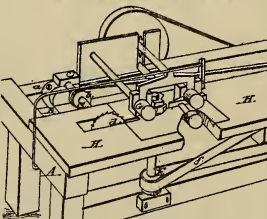
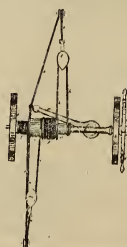
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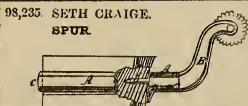
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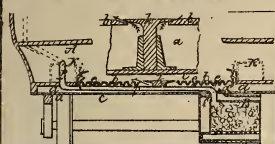
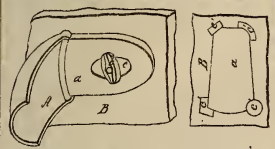
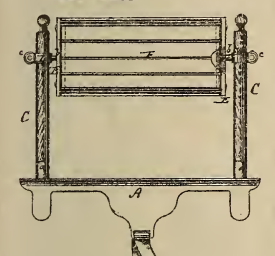
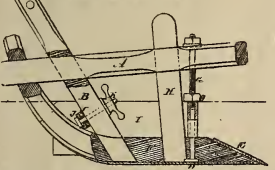
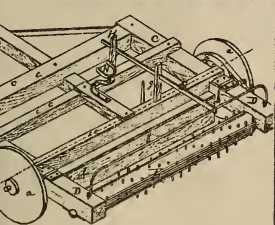
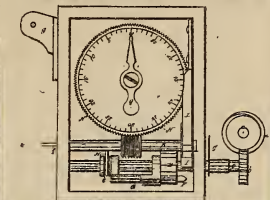
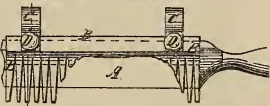
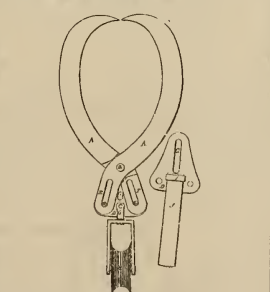
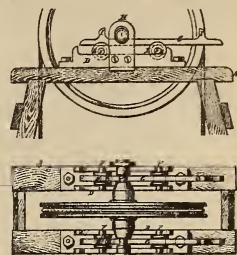
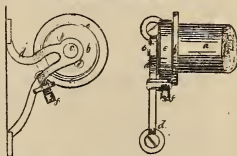
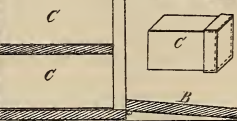
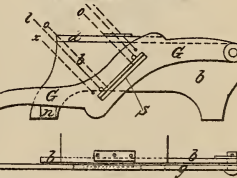
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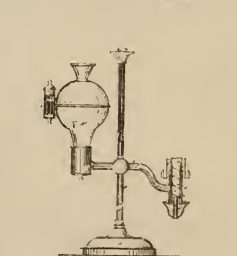
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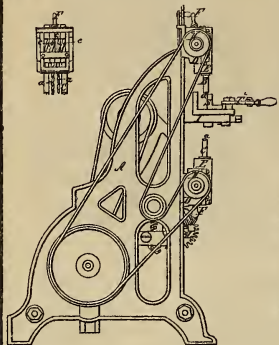
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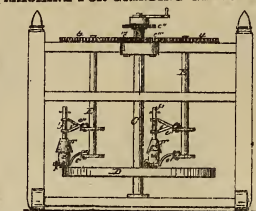
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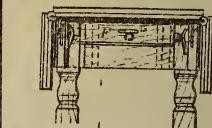
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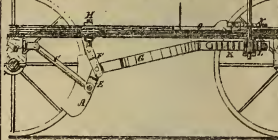
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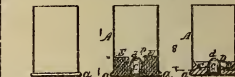
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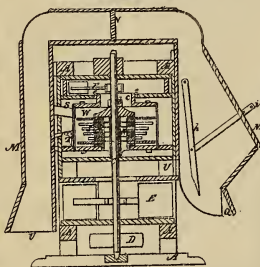
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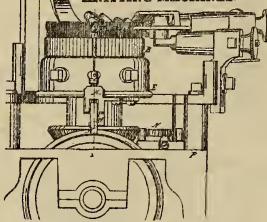
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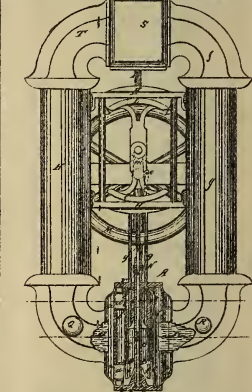
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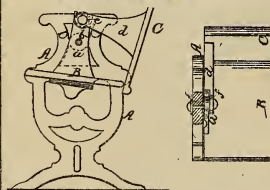
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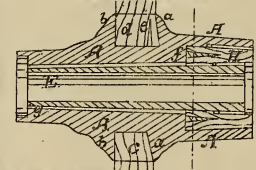
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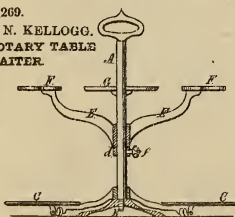
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98,280, GOTTLIEB LUEDKE.
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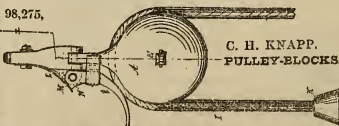
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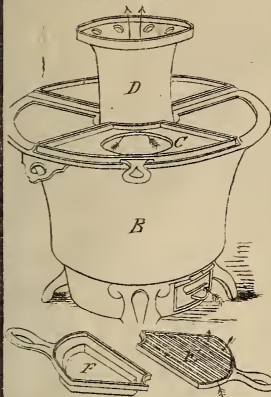
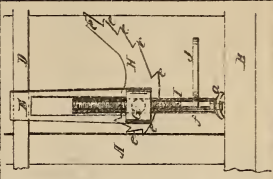
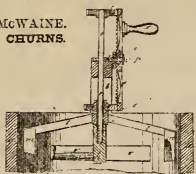
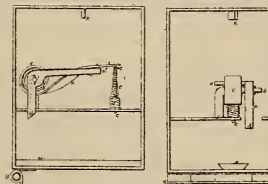
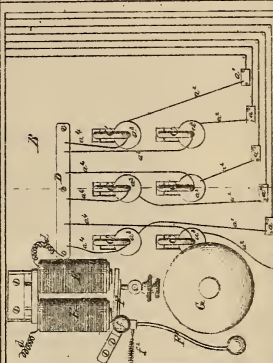
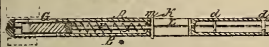
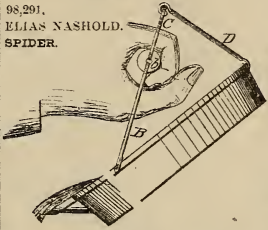
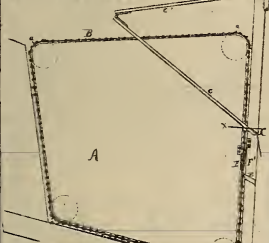
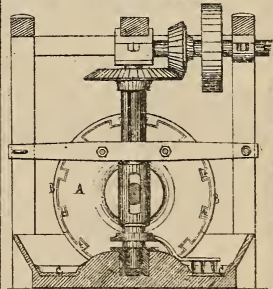


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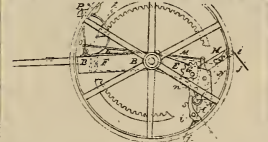
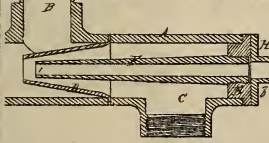
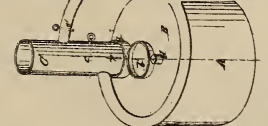
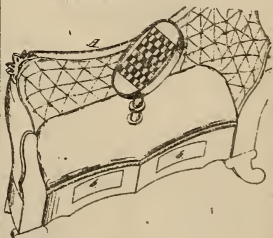
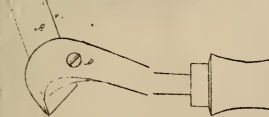
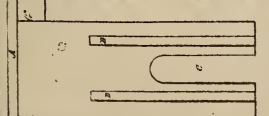


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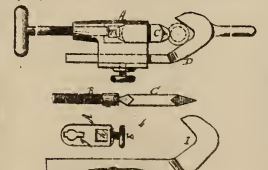


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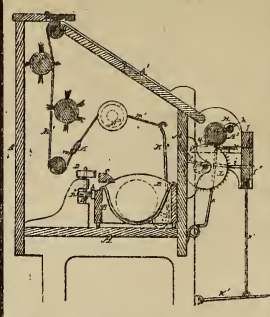
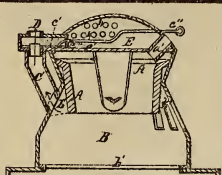
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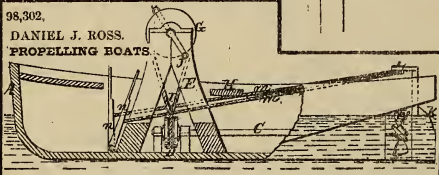
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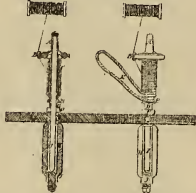
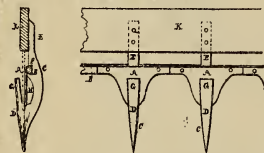
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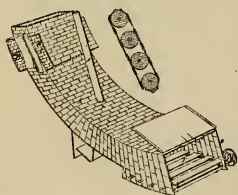


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98,306, ZACHARIAH SHAW.
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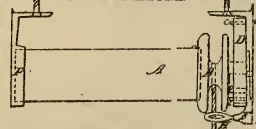
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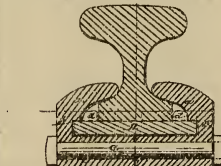


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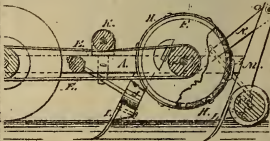


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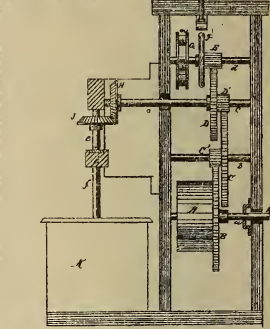
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98,313, J. L. STRAIT. SEED-PLANTER



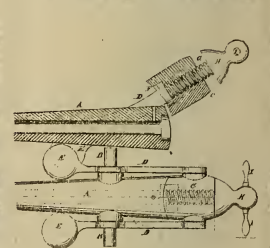
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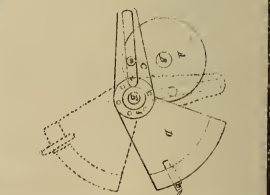
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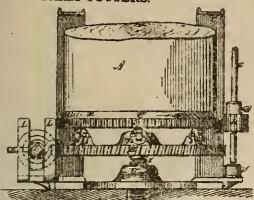


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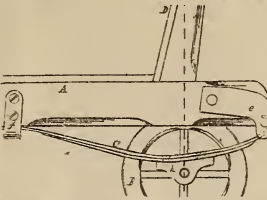
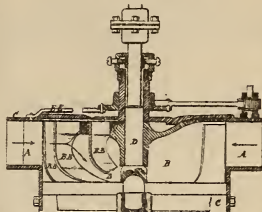


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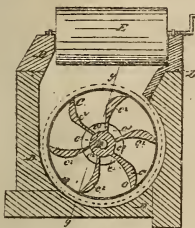
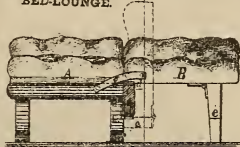
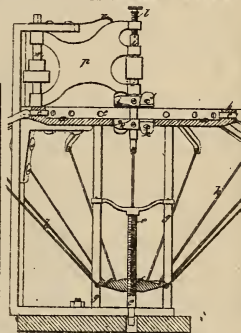
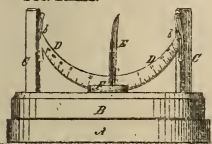


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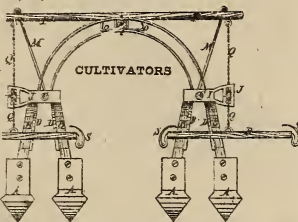
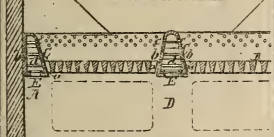
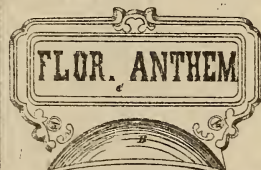
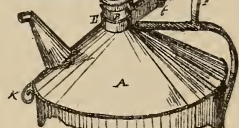
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98,330, OTIS N. ANGELL.
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98,319, R. W. TRUDE. WATER-WHEELS.

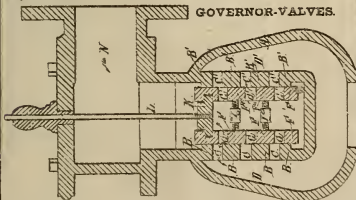
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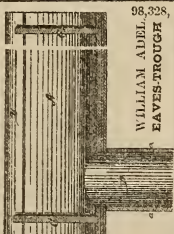
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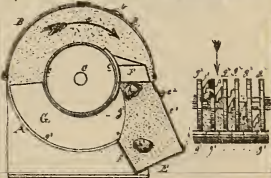
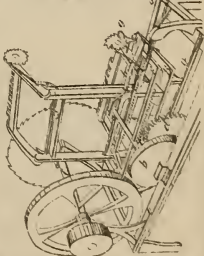
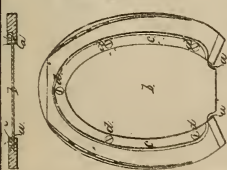
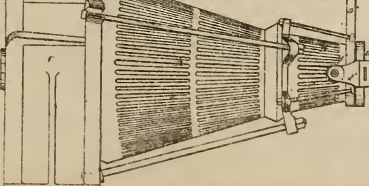
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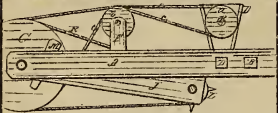
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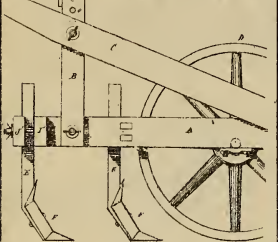
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98,336, BENJAMIN BAUGH.
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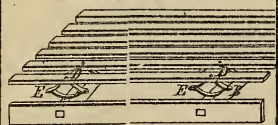
98,337, LUMAN L. BEACH.
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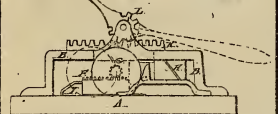
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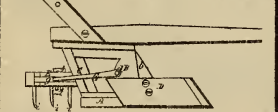
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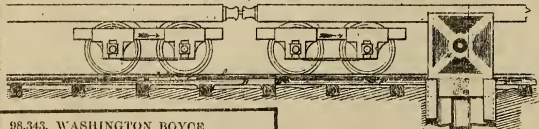
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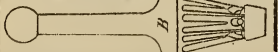
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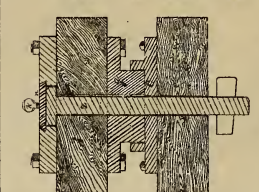
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98,343, WASHINGTON BOYCE.
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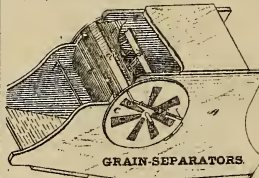
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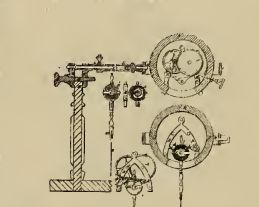
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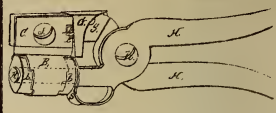
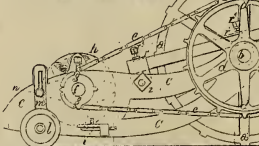
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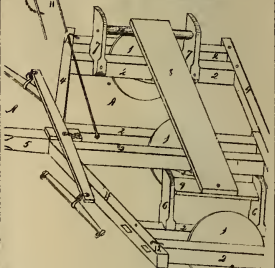
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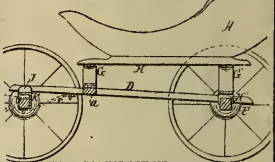
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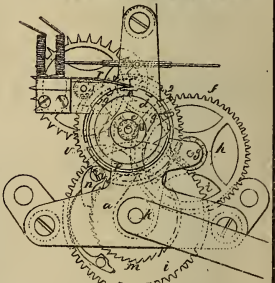
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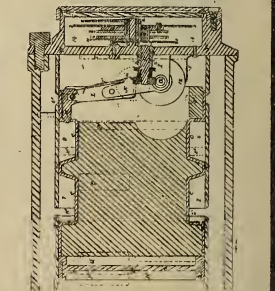
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98,352, MOSES G. CRANE.
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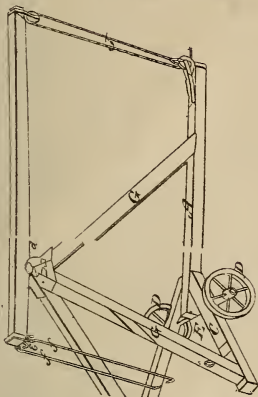
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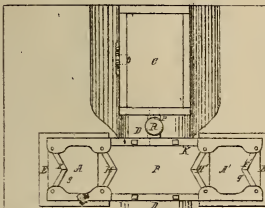
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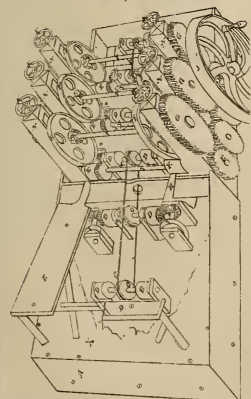
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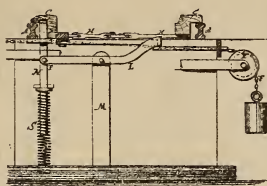
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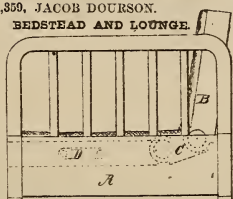
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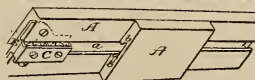
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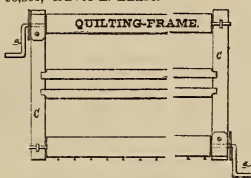
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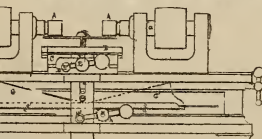
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98,363. HENRY FAIRBANKS.
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98,364. WILLIAM FIELDS.
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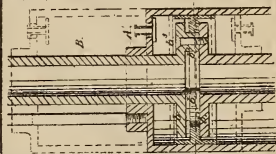
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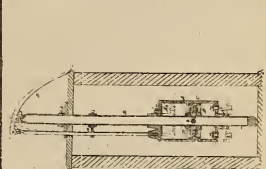
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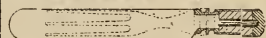
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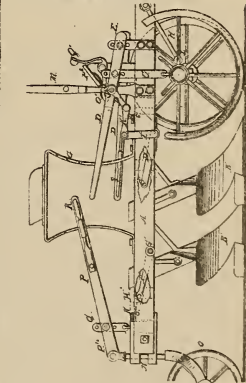
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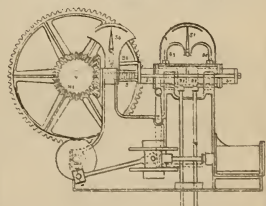
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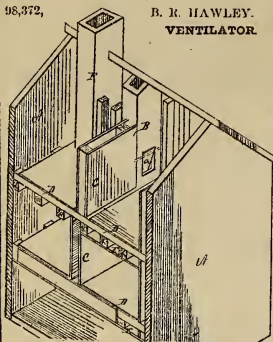
98,370. EMERSON E. GORE.
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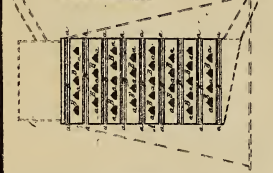
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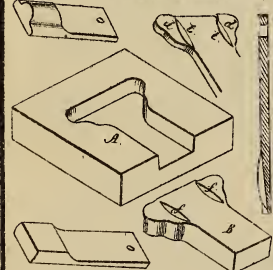
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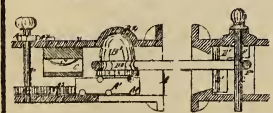


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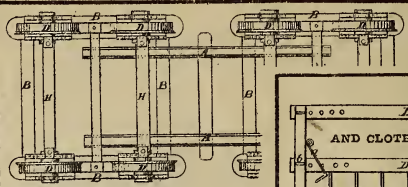
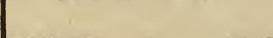
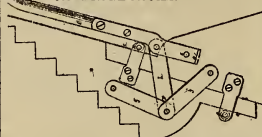
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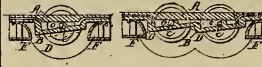


98,378, GEO. HERRICK.

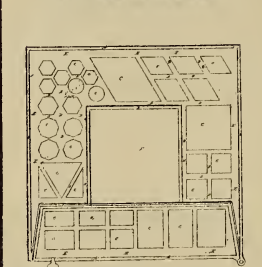
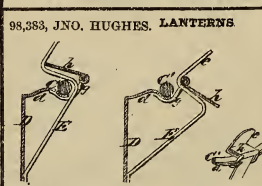
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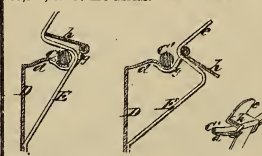
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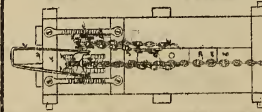
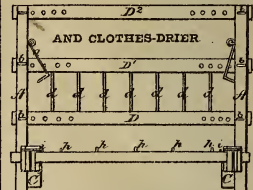
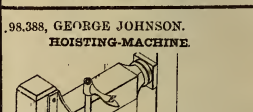
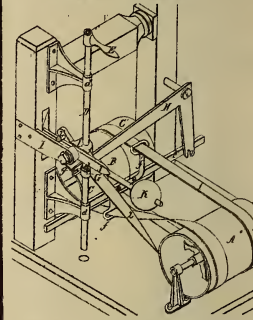
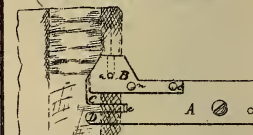
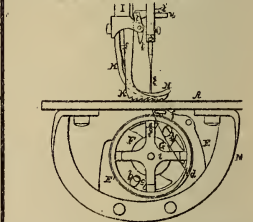
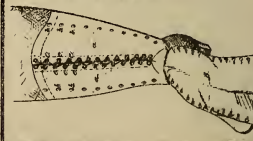


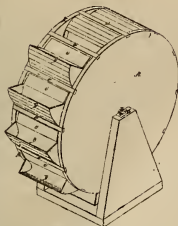
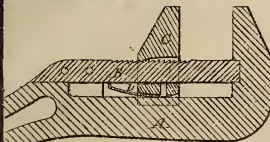
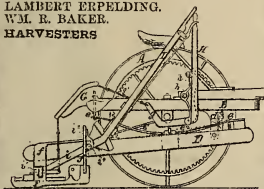
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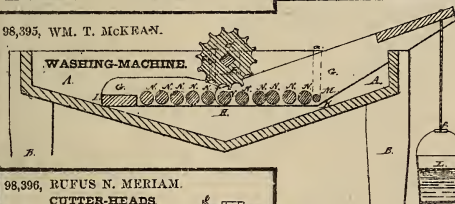
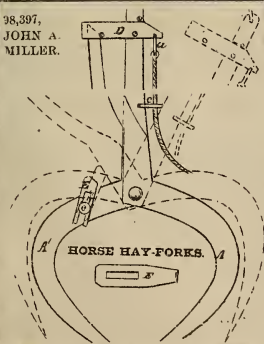


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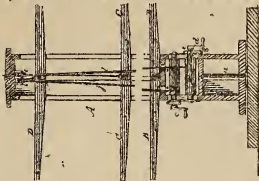
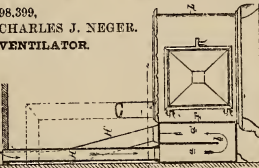
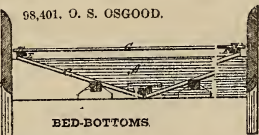
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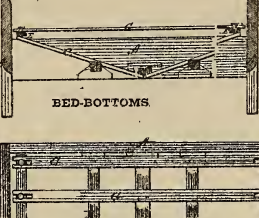
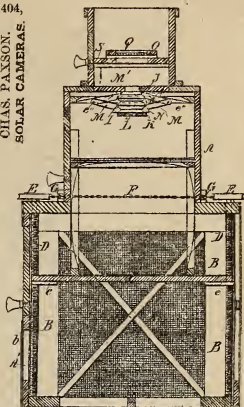
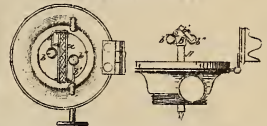
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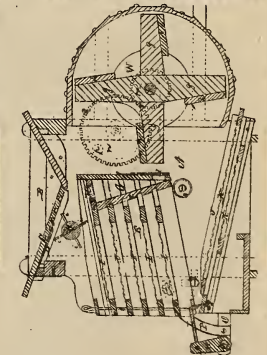
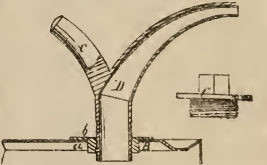
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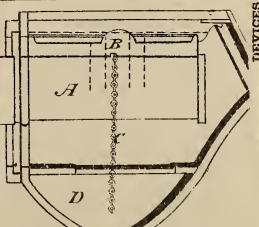
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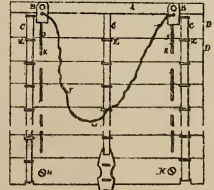
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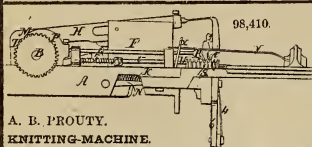
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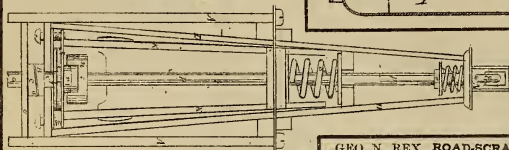


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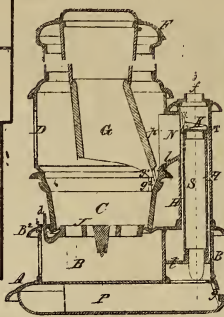


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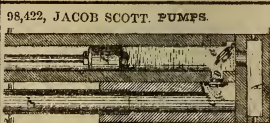
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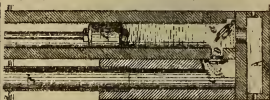
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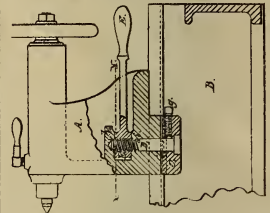
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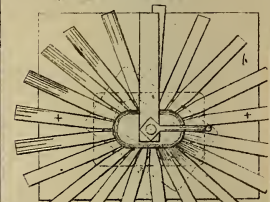
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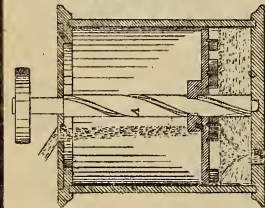
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98,424. MERVILLE SHAFFNER.
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98,412. AARON C. PRY.
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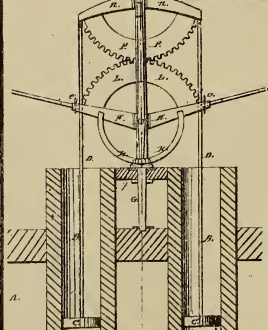
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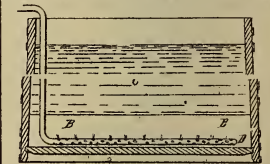
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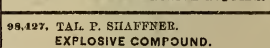
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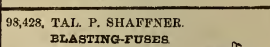
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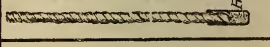
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98,427. TAL. P. SHAFFNER.
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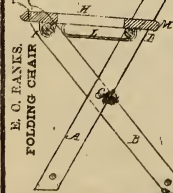
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98,429. JAMES T. SHATTUCK.
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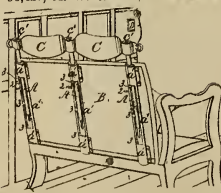


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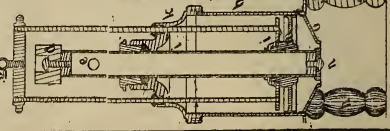


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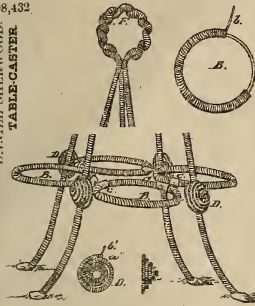


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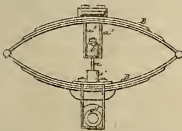


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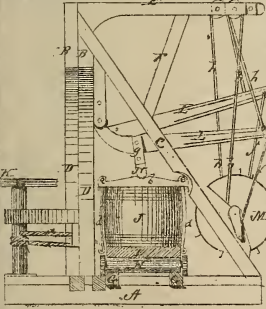
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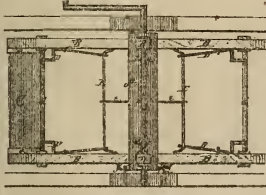
98,433. DANIEL SHOCKEY.
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98,434. VALENTINE J. SHRYOCK.
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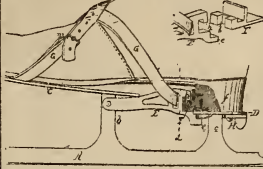
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98,436. ALFRED E. SMITH.
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98,437. A. B. SMITH. SKATES.



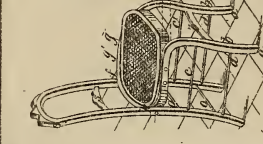
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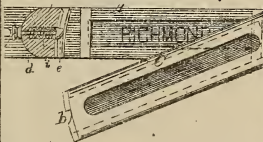
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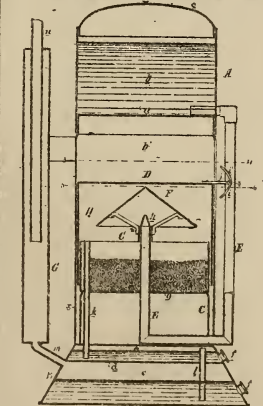
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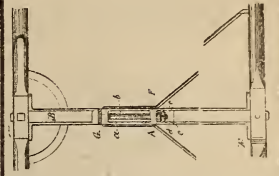
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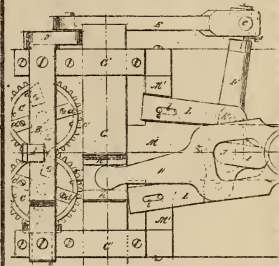
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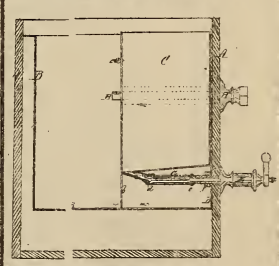
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98,444. LEOPOLD THOMAS. MACHINE
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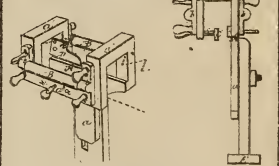
98,445. JAMES W. TUFTS.
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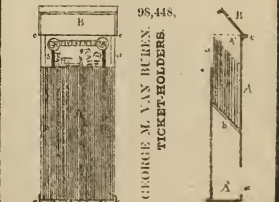
98,446. M. P. TURNER.
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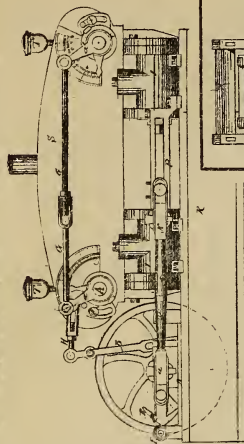
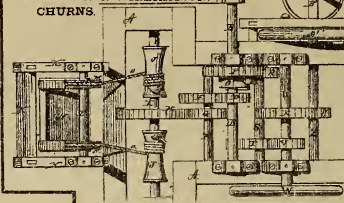
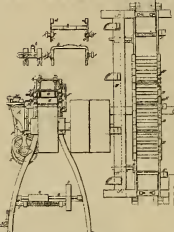
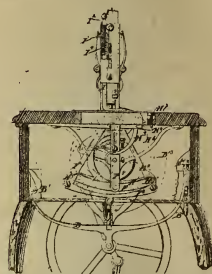
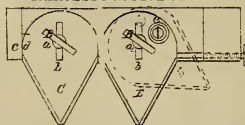


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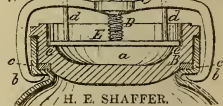
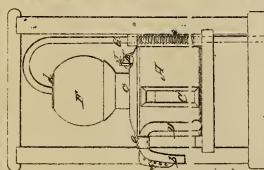


98,448.
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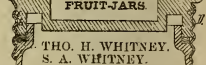
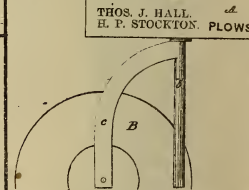
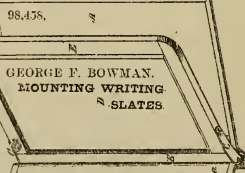
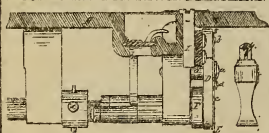
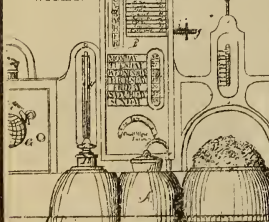
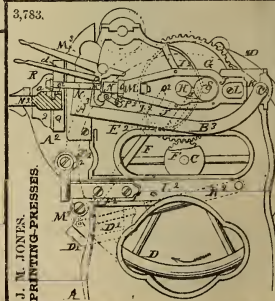


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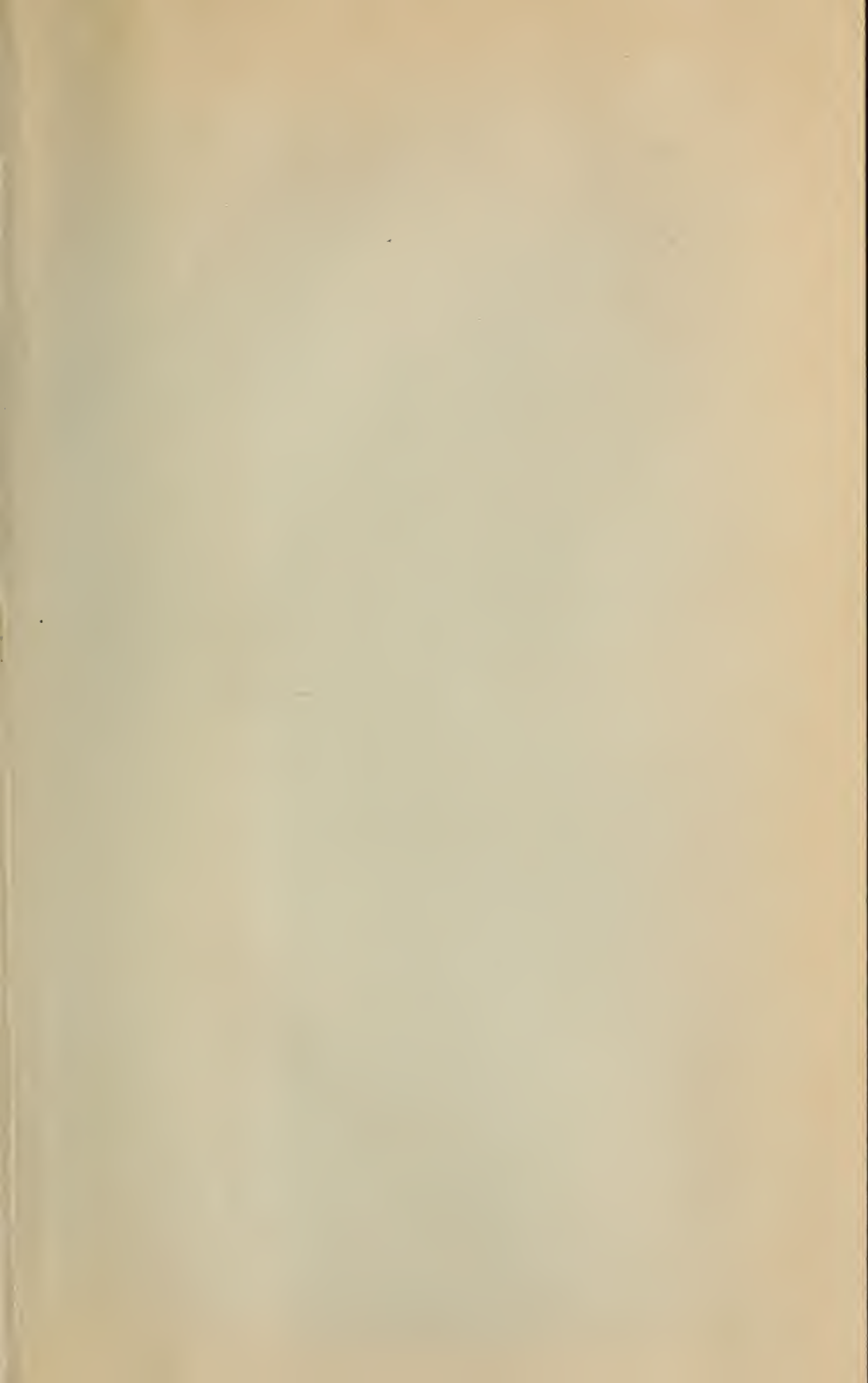
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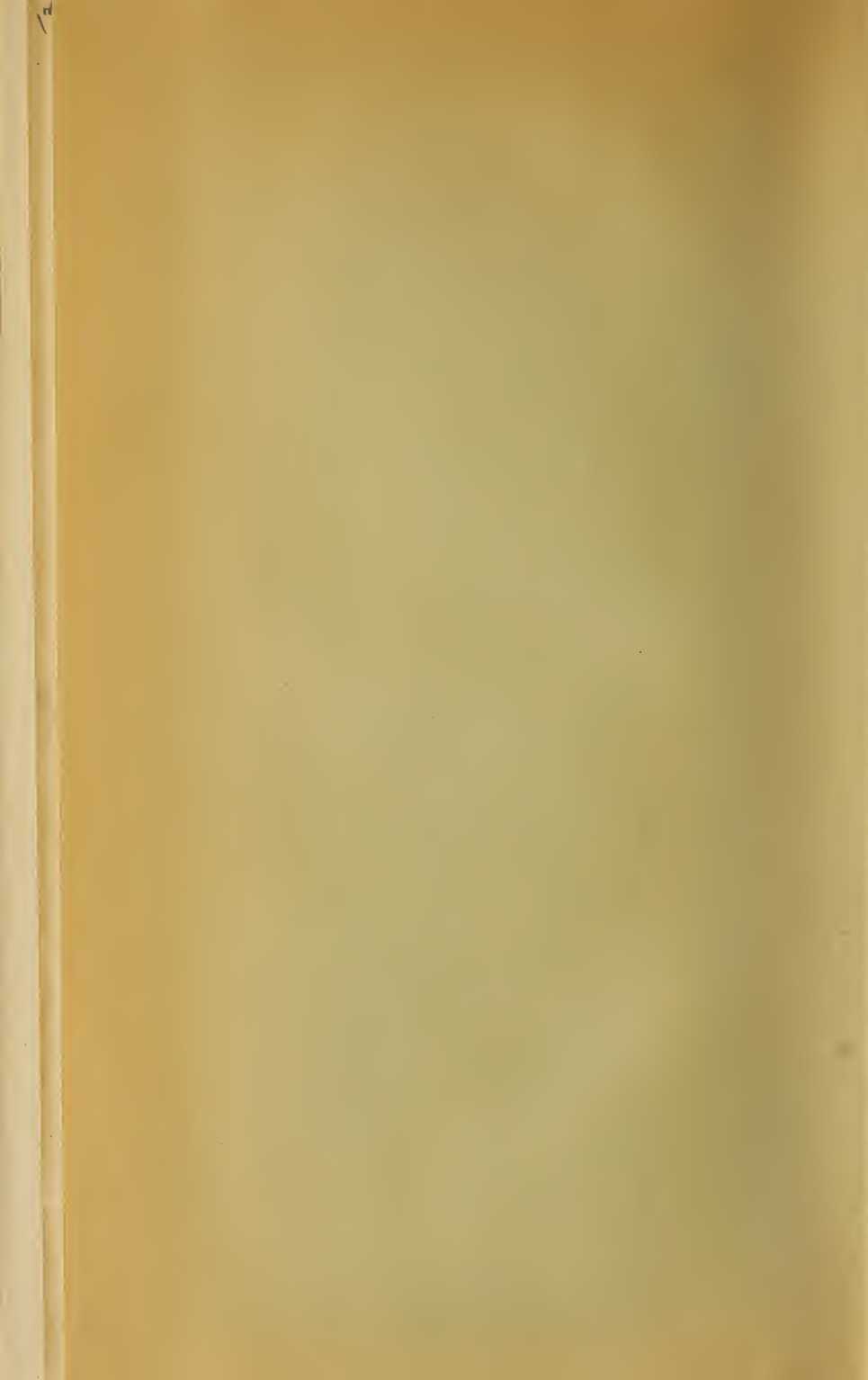
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